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AGACACTTTGTCAACCTCAGCATCAGGTGGGCTCTGGCCCAGAACCCCCTACTCC

CACCTGAGCTCAGTTTGTCATTGTCATTATACATGGTGTGCAGAGGCCCAGAGGA
GACTCCTGAAATTTTCAGAAGAGCCTGGTGTGGTGGTGTACTTGCAGAGTGCTTG
AAACAATGCCTGGACCAATCATTGCTTGCCCCGGTGTTTCAGGCTGTGTTTCTCC
AGAAGCCAACTCTGAGAGAAGGGCAGGGAAAGGGCCCCTGGCGGTCATCAGCA
GCATTAACTGAGCACTTACCACGCGCCAGACCTCTTCTGGGTGCTCCTGTGCTCC
CCAGAGCTCCGGTTCGGGAGGGTGATTTTCAGCAGGAGCACGGTACTTGATATGT
ATTTGTTGAATGAAT

SEQ ID NO: 128
>gi|2570128|dbj|AB000714.1|AB000714 Homo sapiens hRVP1 mRNA for RVP1, complete cds
AATTCGGCACGAGGGCAGGTGCAGGCGCACGCGGCGAGAGCGTATGGAGCCGA
GCCGTTAGCGCGCGCCGTCGGTGAGTCAGTCCGTCCGTCCGTCCGTCGGGG
CGCCGCAGCTCCCGCCAGGCCCAGCGGCCCCGGCCCTCGTCTCCCGCACCCGG
AGCCACCCGGTGGAGCGGGCCTTGCCGCGGCAGCCATGTCCATGGGCCTGGAGA
TCACGGGCACCGCGCTGGCCGTGCTGGGCTGGCTGGGCACCATCGTGTGCTGCGC
GTTGCCCATGTGGCGCGTGTCGGCCTTCATCGGCAGCAACATCATCACGTCGCAG
AACATCTGGGAGGGCCTGTGGATGAACTGCGTGGTGCAGAGCACCGGCCAGATG
CAGTGCAAGGTGTACGACTCGCTGCTGGCACTGCCACAGGACCTTCAGGCGGCC
CGCGCCCTCATCGTGGTGGCCATCCTGCTGGCCGCCTTCGGGCTGCTAGTGGCGC
TGGTGGGCGCCCAGTGCACCAACTGCGTGCAGGACGACACGGCCAAGGCCAAGA
TCACCATCGTGGCAGGCGTGCTGTTCCTTCTCGCCGCCCTGCTCACCCTCGTGCCG
GTGTCCTGGTCGGCCAACACCATTATCCGGGACTTCTACAACCCCGTGGTGCCCG
AGGCGCAGAAGCGCGAGATGGGCGCGGGCCTGTACGTGGGCTGGGCGGCCGCG
GCGCTGCAGCTGCTGGGGGGCGCGCTGCTCTGCTGCTCGTGTCCCCCACGCGAGA
AGAAGTACACGGCCACCAAGGTCGTCTACTCCGCGCCGCGCTCCACCGGCCCGG
GAGCCAGCCTGGGCACAGGCTACGACCGCAAGGACTACGTCTAAGGGACAGACG
CAGGGAGACCCCACCACCACCACCACCACCAACACCACCACCACCACCGCGAGC
TGGAGCGCGCACCAGGCCATCCAGCGTGCAGCCTTGCCTCGGAGGCCAGCCCAC
CCCCAGAAGCCAGGAAGCCCCGCGCTGGACTGGGGCAGCTTCCCCAGCAGCCA
CGGCTTTGCGGGCCGGGCAGTCGACTTCGGGGCCCAGGGACCAACCTGCATGGA
CTGTGAAACCTCACCCTTCTGGAGCACGGGGCCTGGGTGACCGCCAATACTTGAC
CACCCCGTCGAGCCCCATCGGGCCGCTGCCCCATGTCGCGCTGGGCAGGGACC
GGCAGCCCTGGAAGGGGCACTTGATATTTTTCAATAAAAGCCTCTCGTTTTAGC

SEQ ID NO: 129
>gi|1563888|gb|U66199.1|HSU66199 Human fibroblast growth factor homologous factor 3 (FHF-3) mRNA, complete cds
ATGGCGGCGCTGGCCAGTAGCCTGATCCGGCAGAAGCGGGAGGTCCGCGAGCCC
GGGGGCAGCCGGCCGGTGTCGGCGCAGCGGCGCGTGTGTCCCCGCGGCACCAAG
TCCCTTTGCCAGAAGCAGCTCCTCATCCTGCTGTCCAAGGTGCGACTGTGCGGGG
GGCGGCCCGCGCGGCCGGACCGCGGCCCGGAGCCTCAGCTCAAAGGCATCGTCA
CCAAACTGTTCTGCCGCCAGGGTTTCTACCTCCAGGCGAATCCCGACGGAAGCAT
CCAGGGCACCCCAGAGGATACCAGCTCCTTCACCCACTTCAACCTGATCCCTGTG
GGCCTCCGTGTGGTCACCATCCAGAGCGCCAAGCTGGGTCACTACATGGCCATGA
ATGCTGAGGGACTGCTCTACAGTTCGCCGCATTTCACAGCTGAGTGTCGCTTTAA
GGAGTGTGTCTTTGAGAATTACTACGTCCTGTACGCCTCTGCTCTCTACCGCCAGC
GTCGTTCTGGCCGGGCCTGGTACCTCGGCCTGGACAAGGAGGGCCAGGTCATGA
AGGGAAACCGAGTTAAGAAGACCAAGGCAGCTGCCCACTTTCTGCCCAAGCTCC

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TGGAGGTGGCCATGTACCAGGAGCCTTCTCTCCACAGTGTCCCCGAGGCCTCCCC
TTCCAGTCCCCCTGCCCCCTGA

SEQ ID NO: 130
>gi|1689891|gb|AA133129.1|AA133129 zm25d01.s1 Stratagene pancreas (#937208) Homo
sapiens cDNA clone IMAGE:526657 3' similar to TR:G992563 G992563 ELONGIN A. ;,
mRNA sequence
ACCCCAGGAAGAAGAAGAAGCTGGATTTACTGGGCGCAGAATGAATTCCAAGAT
GCAGGTGTATTCTGGTTCCAAGTGTGCCTATCTCCCTAAAATGATGACCTTGCAC
CAGCAATGCATCCGAGTACTTAAAAACAACATCGATTCAATCTTTGAAGTGGGA
GGAGTCCCATACTCTGTTCTTGAACCCGTTTTGGAGAGGTGTACACCTGATCAGC
TGTATCGCATAGAGGAATACCAATCATGTATTAATTGAAGAAACAGATCAATTAT
GGAAAGTTCATTGTCACCGAGACTTTAAGGAAGAAAGACCCGAAGAGTATGAGT
CGTGGCGAGAGATGTACCTGCGGCTTCAGGACGCCCCGAGAGCAGCGGCTACGA
GGTACTAACAAAGAATATCCAGTTCGCACATGGCCAATTA

SEQ ID NO: 131
>gi|186385|gb|M63099.1|HUMILRA Human interleukin 1 receptor antagonist (IL1RN) gene,
complete cds
ATGGAAATCTGCAGAGGCCTCCGCAGTCACCTAATCACTCTCCTCCTCTTCCTGTT
CCATTCAGAGACGATCTGCCGACCCTCTGGGAGAAAATCCAGCAAGATGCAAGC
CTTCAGAATCTGGGATGTTAACCAGAAGACCTTCTATCTGAGGAACAACCAACTA
GTTGCTGGATACTTGCAAGGACCAAATGTCAATTTAGAAGAAAAGATAGATGTG
GTACCCATTGAGCCTCATGCTCTGTTCTTGGGAATCCATGGAGGGAAGATGTGCC
TGTCCTGTGTCAAGTCTGGTGATGAGACCAGACTCCAGCTGGAGGCAGTTAACAT
CACTGACCTGAGCGAGAACAGAAAGCAGGACAAGCGCTTCGCCTTCATCCGCTC
AGACAGCGGCCCCACCACCAGTTTTGAGTCTGCCGCCTGCCCCGGTTGGTTCCTC
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GGCGTCATGGTCACCAAATTCTACTTCCAGGAGGACGAGTAG

SEQ ID NO: 132
>gi|186738|gb|M60828.1|HUMKGF Human keratinocyte growth factor mRNA, complete cds
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GGCTCAAGTTGCACCAGGCAGACAACAGACATGGAATTCTTATATATCCAGCTGT
TAGCAACAAAACAAAAGTCAAATAGCAAACAGCGTCACAGCAACTGAACTTACT
ACGAACTGTTTTTATGAGGATTTATCAACAGAGTTATTTAAGGAGGAATCCTGTG
TTGTTATCAGGAACTAAAAGGATAAGGCTAACAATTTGGAAAGAGCAAGTACTC
TTTCTTAAATCAATCTACAATTCACAGATAGGAAGAGGTCAATGACCTAGGAGTA
ACAATCAACTCAAGATTCATTTTCATTATGTTATTCATGAACACCCGGAGCACTA
CACTATAATGCACAAATGGATACTGACATGGATCCTGCCAACTTTGCTCTACAGA
TCATGCTTTCACATTATCTGTCTAGTGGGTACTATATCTTTAGCTTGCAATGACAT
GACTCCAGAGCAAATGGCTACAAATGTGAACTGTTCCAGCCCTGAGCGACACAC
AAGAAGTTATGATTACATGGAAGGAGGGGATATAAGAGTGAGAAGACTCTTCTG
TCGAACACAGTGGTACCTGAGGATCGATAAAAGAGGCAAAGTAAAAGGGACCC
AAGAGATGAAGAATAATTACAATATCATGGAAATCAGGACAGTGGCAGTTGGAA
TTGTGGCAATCAAAGGGGTGGAAAGTGAATTCTATCTTGCAATGAACAAGGAAG
GAAAACTCTATGCAAAGAAAGAATGCAATGAAGATTGTAACTTCAAAGAACTAA
TTCTGGAAAACCATTACAACACATATGCATCAGCTAAATGGACACACAACGGAG

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GGGAAATGTTTGTTGCCTTAAATCAAAAGGGGATTCCTGTAAGAGGAAAAAAA
CGAAGAAAGAACAAAAAACAGCCCACTTTCTTCCTATGGCAATAACTTAATTGC
ATATGGTATATAAAGAACCCAGTTCCAGCAGGGAGATTTCTTTAAGTGGACTGTT
TTCTTTCTTCTCAAAATTTTCTTTCCTTTTATTTTTTAGTAATCAAGAAAGGCTGGA
AAAACTACTGAAAACTGATCAAGCTGGACTTGTGCATTTATGTTTGTTTTAAGA
CACTGCATTAAAGAAAGATTTGAAAGTATACACAAAATCAGATTTAGTAACT
AAAGGTTGTAAAAATTGTAAACTGGTTGTACAATCATGATGTTAGTAACAGTA
ATTTTTTTCTTAAATTAATTTACCCTTAAGAGTATGTTAGATTTGATTATCTGATA
ATGATTATTTAAATATTCCTATCTGCTTATAAATGGCTGCTATAATAATAATAAT
ACAGATGTTGTTATATAAGGTATATCAGACCTACAGGCTTCTGGCAGGATTTGTC
AGATAATCAAGCCACACTAACTATGGAAATGAGCAGCATTTTAAATGCTTTCTA
GTGAAAAATTATAATCTACTTAAACTCTAATCAGAAAAAAATTCTCAAAAAA
CTATTATGAAAGTCAATAAATAGATAATTTAACAAAGTACAGGATTAGAACA
TGCTTATACCTATAAATAAGAACAAATTTCTAATGCTGCTCAAGTGGAAAGGGT
ATTGCTAAAGGATGTTTCCAAAAATCTTGTATATAAGATAGCAACAGTGATTGA
TGATAATACTGTACTTCATCTTACTTGCCACAAATAACATTTTATAAATCCTCAA
AGTAAAATTGAGAAATCTTTAAGTTTTTTTCAAGTAACATAATCTATCTTTGTATA
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TTTTCCTATGGTTACAGCATTAAACTCTATTTTAAGTTGTTTTTGAACTTTATTGTT
TTGTTATTTAAGTTTATGTTATTTATAAAAAAAAAACCTTAATAAGCTGTATCTGT
TTCATATGCTTTTAATTTTAAAGGAATAACAAAACTGTCTGGCTCAACGGCAAGT
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ATCCTGGAAGCAGACAAAAATAAGAGCCTGAAGCAATGCTTACAATAGATGTCT
CACACAGAACAATACAAATATGTAAAAACTCTTTCACCACATATTCTTGCCAATT
AATTGGATCATATAAGTAAAATCATTACAAATATAAGTATTTACAGGATTTTAAA
GTTAGAATATATTTGAATGCATGGGTAGAAAATATCATATTTTAAAACTATGTAT
ATTTAAATTTAGTAATTTTCTAATCTCTAGAAATCTCTGCTGTTCAAAAGGTGGCA
GCACTGAAAGTTGTTTTCCTGTTAGATGGCAAGAGCACAATGCCCAAAATAGAA
GATGCAGTTAAGAATAAGGGGCCCTGAATGTCATGAAGGCTTGAGGTCAGCCTA
CAGATAACAGGATTATTACAAGGATGAATTTCCACTTCAAAGTCTTTCATTGGC
AGATCTTGGTAGCACTTTATATGTTCACCAATGGGAGGTCAATATTTATCTAATTT
AAAAGGTATGCTAACCACTGTGGTTTTAATTTCAAAATATTTGTCATTCAAGTCC
CTTTACATAAATAGTATTTGGTAATACATTTATAGATGAGAGTTATATGAAAGG
CTAGGTCAACAAAACAATAGATTCATTTAATTTTCCTGTGGTTGACCTATACGA
CCAGGATGTAGAAACTAGAAGAACTGCCCTTCCTCAGATATACTCTTGGGAG
AGAGCATGAATGGTATTCTGAACTATCACCTGATTCAAGGACTTTGCTAGCTAGG
TTTTGAGGTCAGGCTTCAGTAACTGTAGTCTTGTGAGCATATTGAGGGCAGAGGA
GGACTTAGTTTTTCATATGTGTTTCCTTAGTGCCTAGCAGACTATCTGTTCATAAT
CAGTTTTCAGTGTGAATTCACTGAATGTTTATAGACAAAGAAATACACTAA
AACTAATCTTCATTTTAAAAGGGTAAACATGACTATACAGAAATTTAAATAGAA
ATAGTGTATATACATATAAAATACAAGCTATGTTAGGACCAAATGCTCTTTGTCT
ATGGAGTTATACTTCCATCAAATTACATAGCAATGCTGAATTAGGCAAAACCAAC
ATTTAGTGGTAAATCCATTCCTGGTAGTATAAGTCACCTAAAAAGACTTCTAGA
AATATGTACTTTAATTATTTGTTTTTCTCCTATTTTTAAATTTATTATGCAAATTTT
AGAAAATAAAATTTGCTCTAGTTACACACCTTTAGAATTCTAGAATATTAAAACT
GTAAGGGGCCTCCATCCCTCTTACTCATTTGTAGTCTAGGAAATTGAGATTTTGAT
ACACCTAAGGTCACGCAGCTGGGTAGATATACAGCTGTCACAAGAGTCTAGATC
AGTTAGCACATGCTTTCTACTCTTCGATTATTAGTATTATTAGCTAATGGTCTTTG
GCATGTTTTTGTTTTTTATTTCTGTTGAGATATAGCCTTTACATTTGTACACAAAT

GTGACTATGTCTTGGCAATGCACTTCATACACAATGACTAATCTATACTGTGATG
ATTTGACTCAAAAGGAGAAAGAAATTATGTAGTTTTCAATTCTGATTCCTATTC
ACCTTTTGTTTATGAATGGAAAGCTTTGTGCAAAATATACATATAAGCAGAGTAA
GCCTTTTAAAAATGTTCTTTGAAAGATAAAATTAAATACATGAGTTTCTAACAAT
5   TAGA

SEQ ID NO: 133
>gi|1399238|gb|U59832.1|HSU59832 Human transcription factor, forkhead related activator
4 (FREAC-4) mRNA, complete cds
10   CGCCGCCACCCGGCAGCCCCGGCGCAGCTCCGGCAGCCGCAGTCGCAGCGCCCC
CAGCGTGGCGCCCCCGGCCGGGCCTGCCGCCCGGGACCCGGGCTGGGGCGCAG
AGGGAGCCCGGAGCCCGGCGCCCCCATGCGCCGCCCCGCCGCCGCCGCGCCACA
GCTATGACCCTGAGCACTGAGATGTCCGATGCCTCTGGCCTCGCCGAGGAAACA
GACATCGACGTGGTGGGGGAGGGCGAGGACGAAGAAGACGAGGAAGAGGAGGA
15   CGACGACGAGGGCGGCGGTGGCGGGCCCGGCTGGCTGTCCCCGCGCAGCGGCG
GCGGCGGCGGCGCTCGTACGCCGGGGAGGACGAGCTGGAGGATCTGGAGGAGG
AGGAGGACGACGATGACATCCTGCTGGCCCCGCCTGCTGGGGCTCCCCGGCGCC
CCCGGGCCCGGCCCCGGCGGCGGGGGCAGGAGCCGGTGGGGGCGGCGGCGGCG
GCGGCGCGGGCGGCGGCGGGAGCGCGGGTAGCGGCGCCAAGAACCCGCTGGTG
20   AAGCCGCCCTACTCGTATATCGCGCTCATCACTATGGCCATCCTGCAGAGCCCCA
AGAAGCGGCTGACGCTGAGCGAGATCTGTGAGTTCATCAGCGGCCGCTTCCCCTA
CTACCGGGAGAAGTTCCCCGCCTGGCAGAACAGCATCCGCCACAACCTCTCGCTC
AACGACTGCTTCGTCAAGATCCCCCGCGAGCCCGGCAACCCGGGCAAGGGCAAC
TACTGGACGCTGGACCCGGAGTCCGCCGACATGTTCGACAACGGCAGCTTCCTGC
25   GCCGGAGGAAGCGCTTCAAGCGGCAGCCGCTGCTCCCACCCAACGCCGCGGCCG
CCGAGTCTCTGCTGCTGCGCGGCGCGGGAGCCGCAGGGGGCGCGGGCGACCCGG
CAGCCGCCGCCGCGCTCTTCCCGCCCGCGCCCCCGCCGCCCCCGCATGCCTACGG
CTACGGCCCCTACGGCTGCGGCTACGGCCTGCAGCTGCCGCCTTACGCGCCGCCC
TCGGCCCTCTTCGCCGCCGCAGCGGCCGCCGCCGCCGCCGCCGCCTTCCACCCGC
30   ACTCGCCCCGCCGCCCCCGCCACCGCACGGCGCGGCCGCCGAGCTGGCCCGGA
CCGCCTTCGGCTACCGGCCGCACCCGCTCGGCGCCGCCCTACCCGGCCCCCTGCC
GGCCTCCGCGGCCAAGGCGGGCGGCCCGGGCGCCTCAGCGCTGGCGCGCTCGCC
CTTCTCCATCGAGAGCATCATCGGGGGCAGCTTGGGCCCGGCCGCCGCTGCCGCC
GCCGCCGCGCAGGCCGCCGCCGCCGCTCAGGCCTCGCCCTCGCCCTCGCCGGTGG
35   CGGCGCCGCCAGCTCCCGGATCCAGCGGAGGAGGCTGCGCGGCGCAGGCGGCCG
TGGGCCCGGCGGCCGCGCTCACCCGATCCCTCGTGGCCGCCGCGGCCGCCGCCGC
CTCCTCAGTCTCCTCGTCCGCCGCCTTGGGGACTCTGCACCAAGGGACTGCCCTG
TCCAGTGTCGAGAACTTTACTGCTAGGATTTCCAATTGTTAATAACGCTATGTTA
GCGCGCTCGAGGAAGAAGGTAGGAATCCCGGCTCCTTTTCTCGTCTTGGTGGTTC
40   GGTGTTTTGTTCGCTCCTCCAGGCGCGGCCCCTCTCGACCTCGCGCGCCCATTTTC
GCCGCTGCGAATTCTCGGACAAAACTGTCAACAGCCCGGGCGCGCCTTTTGGCTC
TGCGGGTCCTCTATTTATGCAAAGCCGACCTATGCTACAGCCCCCCAACCCCCG
ACCTGGGGTAGGGAGGAAGAGGGTGCCGGGGAAGGGAGTCCGCCCTGTCCAGG
CACTAGAGGCTCCCTTGACGTTTGGCAGATGAAAACAACTAAGCCTTTTTGAGG
45   TGTAGAGATTCTCAGGTCCAGGCGTTAAAAAATAATGGTCAAAGAATAATACA
AAAATAGTAAAGGTCTTGAAGAATGCCAGCGAAGCAATTCTTTTTATTTGAGGA
CACTTGTCTGGTGTACTTTTTCATGAAAGGAAAAATGGTTAACATGTTTACACA
AGAAAAAAAGTCAAAATTATCATTTATTTCAACCTGTGTTTTGTATCATAACAGA
CGTGTGGATTTTTTTGTACTTACTGCGTATTCTTTACAAGGAGTATTGTAAATTTT

ACTGGCAATTATTATTGTACTATTCTAAATGTAAGATTTTTACACTTTTTCAGAAA
TAAAAATGCTTAATTTTCAAAGAAAATTCACCAAAA

SEQ ID NO: 134

>gi|181977|gb|M38425.1|HUMEGFR Human EGF receptor (EGFR) gene, 5' end
AAGCTTCCGCGAGTTTCCCAGGCATTTCTCCTCGCGGGACTACCAGGGGTAGTGG
GACACTTAGCCTCTCTAAAAGCACCTCCACGGCTGTTTGTGTCAAGCCTTTATTCC
AAGAGCTTCACTTTTGCGAAGTAATGTGCTTCACACATTGGCTTCAAAGTACCCA
TGGCTGGTTGCAATAAACATTAAGGAGGCCTGTCTCTGCACCCGGAGTTGGTGCC
CTCATTTCAGATGATTTCGAGGGTGCTTGACAAGATCTGAAGGACCCTCGGACTT
TAGAGCACCACCTCGGAACGCCTGGCACCCCTGCCGCGCGGGCACGGCGACCTC
CTCAGCTGCCAGGCCAGCCTCTGATCCCCGCGAGGGGTCCCGTAGTGCTGCAGGG
GGAGGCTGGGGACCCGAATAAAGGAGCAGTTTCCCCGTCGGTGCCATTATCCGA
CGCTGGCTCTAAGGCTCGGCCAGTCTGTCTAAAGCTGGTACAAGTTTGCTTTGTA
AAACAAAGAAGGGAAAGGGGGAAGGGGACCCTGGCACAGATTTGGCTCGACC
TGGACATAGGCTGGGCTGCAAGTCCGCGGGGACCGGGTCCAGAGGGGCAGTGCT
GGGAACGCCCCTCTCGGAAATTAACTCCTCAGGGCACCGCTCCCCTCCCATGCGC
CGCCCCACTCCCGCCGGAGACTAGGTCCCGCGGGGGCCACCGTGTCCACCGCCTC
GCGGCCGCTGGCCTTGGGTCCCCGCTGCTGGTTCTCCTCCCTCCTCCTCGCATTCT
CCTCCTCCTCTGCTCCTCCCGATCCCTCCTCCGCCGCCTGGTCCCTCCTCCTCCCG
CCCTGCCTCCCGCGCCTCGGCCCGCGCGAGCTAGACGTCCGGGCAGCCCCCGGCG
CAGCGCGGCCGCAGCAGCCTCCTCCCCCCGCACGGTGTGAGCGCCCGCCGCGCC
GAGGCGGCCGGAGTCCCGAGCTAGCCCCGCGGCCGCCGCCGCCCAGACCGGACG
ACAGGCCACCTCGTCGCGTCCGCCCGAGTCCCCGCCTCGCCGCCAACGCCACAAC
CACCGCGCACGGCCCCTGACTCCGTCCAGTATTGATCGGGAGAGCCGGAGCGA
GCTCTTCGGGGAGCAGCGATGCGACCCTCCGGGACGGCCGGGGCAGCGCTCCTG
GCGCTGCTGGCTGCGCTCTGCCCGGCGAGTCGGGCTCTGGAGGAAAAGAAAGGT
AAGGGCGTGTCTCGCGGCTCCCGCCGCCCCCGGATCGCGCCCCGGACCCCGCA
GCCCGCCCAACCGCACCGCGCACCGGCTTCGCCCGCGCCCCCGCCCGTCCTTTCC
TGTTTCCTTGAGATCACGTGCGCCGCCGACCGGGACCGCGGGAGGAACGGGACG
TTTCGTTCTTCGGCCGGGAGAGTCTGGGGCGGGCGGAGGAGGAGACGCGTGGGA
CACCGGGCTGCAGGCCAGGCGGGGAACGGCCGCCGGGACCTCCGGCGCCCCGAA
CCGCTCCCAACTTTCTTCCCTCACTTTCCCCGCCCAGCTGCGCAGGATCGGCGTCA
GTGGGCGAAAGCCGGGTGCTGGTGGGCGCCTGGGGCCGGGGTCCCGCACGGGCT
CCCCGCGCTGTCTTCCCAGGGCGCGACGGGGTCCTGGCGCGCACCCGAGGGCCG
CTGCCCACCCGCCGAGACTGCCTGTTTAGGGAAGCTGAGGAAGGAACCCAAAAA
TACAGCCTCCGCTCGGACCCCGCGGGACAGGCGGCTTTCTGAGAGGACCTCCCCG
CCTCCGCGCTCCGCGCAGGTCTCAAACTGAAGCCGGCGCCCGCCAGCCTGGCCCC
GGCCCCTCTCCAGGTCCCCGCGATCCTCGTTCCCAGTGTGGAGTCGCAGCCTCG
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GCCCCTTGGGCGCAGACCCCGGCCGCTCGCCTCGCCCGGTGCGCCTCGTCTTGC
CTATCCAAGAGTGCCCCCACTCCCGGGACCCCAGCTCCCTCCGCGCCCGCGCCG
AAAGCCCCAGGCTCTCCTTCGATGGCCGCCTCGCGGAGACGTCCGGGTCTGCTCC
ACCTGCAGCCCTTCGGTCGCGCCTGGGCTTCGCGGTGGAGCGGGACGCGGCTGTC
CGGCCACTGCAGGGGGGGATCGCGGGACTCTTGAGCGGAAGCCCCGGAAGCAGA
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GAGCGAGTCTGGCTTCGTGACTACCGACCATAAACCCACTTGACAGGGGAAACA
TGCCTTGGAAGGTTTAATTGCACAATTCCAACCTTGACTGCGCGGGTTCCAAGAG
CCAGGCCCGTACTTGCTGTTGATGTCATTGGCTTGGGGAGTTGGGGTTTGGTGCC
CAGCGCGGTCGTTGGGGGAGGGGCGGAAGGCATAGAACAGTGGTTCCCTGCGCC
CTTCTGCACATTGGAATTACCTGGGATTAAAAAAAAAAAATCAAAACAAAAACC
AGTGTCTCGTCCCGCCCCCAGACATTCTGATTTAATTGGCATGGGGCAAGACCTG
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CATAAAAGACTGGATTTTCAGGGGCAAATTATTAAAATAGGAGATGAGCTCTTTT
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TT

SEQ ID NO: 135
>gi|2162425|gb|AA448755.1|AA448755 zx10d10.r1 Soares_total_fetus_Nb2HF8_9w Homo
sapiens cDNA clone IMAGE:786067 5' similar to gb:S78187 M-PHASE INDUCER
PHOSPHATASE 2 (HUMAN);, mRNA sequence
CAGTCTGTTGAGTTAGTTAAGTTGGGTTAATACCAGCTTAAAGGCAGTATTTTGT
GTCCTCCAGGAGCTTCTTGTTTCCTTGTTAGGGTTAACCCTTCATCTTCCTGTGTC
CTGAAACGCTCCTTTGTGTGTGTGTCAGCTGAGGCTGGGGGAGAGCCGTGGTCCC
TGAGGATGGGTCAGAGCTAAACTCCTTCCTGGCCTGAGAGTCAGCTCTCTGCCCT
GTGTACTTCCCGGGCCAGGGCTGCCCCTAATCTCTGTAGGAACCGTGGTATGTCT
GCCATGTTGCCCCTTTCTCTTTTCCCCTTTCCTGTCCCACCATACGAGCACCTCCA
GCCTGAACAGAAGCTCTTACTCTTTCCTATTTCAGTGTTACCTGTGTGCTTGGTCT
GTTTGACTTTACGC

SEQ ID NO: 136
>gi|189389|gb|M97016.1|HUMOP2A Homo sapiens osteogenic protein-2 (OP-2) mRNA,
complete cds
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AGGTGGCACGGCAGGGCTGGAGGGCTCCCTATGAGTGGCGGAGACGGCCCAGGA
GGCGCTGGAGCAACAGCTCCCACACCGCACCAAGCGGTGGCTGCAGGAGCTCGC
CCATCGCCCCTGCGCTGCTCGGACCGCGGCCACAGCCGGACTGGCGGGTACGGC

GGCGACAGACGGATTGGCCGAGAGTCCCAGTCCGCAGAGTAGCCCCGGCCTCGA
GGCGGTGGCGTCCCGGTCCTCTCCGTCCAGGAGCCAGGACAGGTGTCGCGCGGC
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GCCGCCCGCCGCCCGCCGAGCCCAGCCTCCTTGCCGTCGGGGCGTCCCCAGGCCC
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GGAGGCAGCCGAAGAAAGCAACGAGCTGCCGCAGGCCAACCGACTCCCAGGG
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TCTACGTCAGCTTCCAGGACCTCGGCTGGCTGGACTGGGTCATCGCTCCCCAAGG
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AATGCCACCAACCACGCCATCCTGCAGTCCCTGGTGCACCTGATGAAGCCAAAC
GCAGTCCCCAAGGCGTGCTGTGCACCCACCAAGCTGAGCGCCACCTCTGTGCTCT
ACTATGACAGCAGCAACAACGTCATCCTGCGCAAGCACCGCAACATGGTGGTCA
AGGCCTGCGGCTGCCACTGAGTCAGCCCGCCCAGCCCTACTGCAGCCACCCTTCT
CATCTGGATCGGGCCCTGCAGAGGCAGAAAACCCTTAAATGCTGTCACAGCTCA
AGCAGGAGTGTCAGGGGCCCTCACTCTCTGTGCCTACTTCCTGTCAGG

SEQ ID NO: 137
>gi|181979|gb|M29366.1|HUMEGFRBB3 Human epidermal growth factor receptor
(ERBB3) mRNA, complete cds
ACCAATTCGCCAGCGGTTCAGGTGGCTCTTGCCTCGATGTCCTAGCCTAGGGGCC
CCCGGGCCGGACTTGGCTGGGCTCCCTTCACCCTCTGCGGAGTCATGAGGGCGAA
CGACGCTCTGCAGGTGCTGGGCTTGCTTTTCAGCCTGGCCCGGGGGCTCCGAGGTG
GGCAACTCTCAGGCAGTGTGTCCTGGACTCTGAATGGCCTGAGTGTGACCGGCG
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GCAGTGGATTCGAGAAGTGACAGGCTATGTCCTCGTGGCCATGAATGAATTCTCT
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AGTTTGCCATCTTCGTCATGTTGAACTATAACACCAACTCCAGCCACGCTCTGCG
CCAGCTCCGCTTGACTCAGCTCACCGAGATTCTGTCAGGGGGTGTTTATATTGAG
AAGAACGATAAGCTTTGTCACATGGACACAATTGACTGGAGGGACATCGTGAGG
GACCGAGATGCTGAGATAGTGGTGAAGGACAATGGCAGAAGCTGTCCCCCCTGT
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CAGACTGCTTTGCCTGCCGGCACTTCAATGACAGTGGAGCCTGTGTACCTCGCTG
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TGGAGCCAGAACTAGACCTAGACCTAGACTTGGAAGCAGAGGAGGACAACCTGG
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ATCAGAGGGGCATGTAACAGGCTCTGAGGCTGAGCTCCAGGAGAAAGTGTCAAT
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15   TCTTTGGAGGCTTTTAAACATTTTGACACAAAATTCTTATGGTATGTAGCCAGCTG
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CTCCATATCCCTTCCTCTCAGGCTCTTGACTACTTGGAACTAGGCTCTTATGTGTG
CCTTTGTTTCCCATCAGACTGTCAAGAAGAGGAAAGGGAGGAAACCTAGCAGAG
20   GAAAGTGTAATTTTGGTTTATGACTCTTAACCCCCTAGAAAGACAGAAGCTTAAA
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TAACTATGAGCCAGGCATCATACTAAACTTCACCTACATTATCTCACTTAGTCCTT
TATCATCCTTAAAACAATTCTGTGACATACATATTATCTCATTTTACACAAAGGG
AAGTCGGGCATGGTGGCTCATGCCTGTAATCTCAGCACTTTGGGAGGCTGAGGCA
25   GAAGGATTACCTGAGGCAAGGAGTTTGAGACCAGCTTAGCCAACATAGTAAGAC
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SEQ ID NO: 138
>gi|1123184|gb|H98534.1|H98534 yv97d06.s1 Soares melanocyte 2NbHM Homo sapiens
30   cDNA clone IMAGE:250667 3', mRNA sequence
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GGTCATTTCATTTATTAGCTCTGCAACTTACATATTTAAATTAAAGAAACGTTATT
35   AGACAACNGTTACAATTTATAAATGTAAGGTGCCATTATTGAGTAAATATATTCC
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TAAATTTATTAGGAGATGATACACTGGCTGNAAACGCTAATTCNCCTTCTCCAAC
CCCAAG

40   SEQ ID NO: 139
>gi|1813881|dbj|D49728.1|HUMNAK1 Human NAK1 mRNA for DNA binding protein,
complete cds
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45   GAGATGCCCTGTATCCAAGCCCAATATGGGACACCAGCACCGAGTCCGGGACCC
CGTGACCACCTGGCAAGCGACCCCCTGACCCCTGAGTTCATCAAGCCCACCATGG
ACCTGGCCAGCCCCGAGGCAGCCCCGCTGCCCCACTGCCCTGCCCAGCTTCAG
CACCTTCATGGACGGCTACACAGGAGAGTTTGACACCTTCCTCTACCAGCTGCCA
GGAACAGTCCAGCCATGCTCCTCAGCCTCCTCCTCGGCCTCCTCCACATCCTCGTC

CTCAGCCACCTCCCCTGCCTCTGCTTCCTTCAAGTTCGAGGACTTCCAGGTGTACG
GCTGCTACCCCGGCCCCCTGAGCGGCCCAGTGGATGAGGCCCTGTCCTCCAGTGG
CTCTGACTACTATGGCAGCCCCTGCTCGGCCCCGTCGCCCTCCACGCCCAGCTTC
CAGCCGCCCCAGCTCTCTCCCTGGGATGGCTCCTTCGGCCACTTCTCGCCCAGCC
AGACTTACGAAGGCCTGCGGGCATGGACAGAGCAGCTGCCCAAAGCCTCTGGGC
CCCCACAGCCTCCAGCCTTCTTTTCCTTCAGTCCTCCCACCGGCCCCAGCCCCAGC
CTGGCCCAGAGCCCCCTGAAGTTGTTCCCCTCACAGGCCACCCACCAGCTGGGGG
AGGGAGAGAGCTATTCCATGCCTACGGCCTTCCCAGGTTTGGCACCCACTTCTCC
ACACCTTGAGGGCTCGGGGATACTGGATACACCCGTGACCTCAACCAAGGCCCG
GAGCGGGGCCCCAGGTGGAAGTGAAGGCCGCTGTGCTGTGTGTGGGGACAACGC
TTCATGCCAGCATTATGGTGTCCGCACATGTGAGGGCTGCAAGGGCTTCTTCAAG
CGCACAGTGCAGAAAAACGCCAAGTACATCTGCCTGGCTAACAAGGACTGCCCT
GTGGACAAGAGGCGGCGAAACCGCTGCCAGTTCTGCCGCTTCCAGAAGTGCCTG
GCGGTGGGCATGGTGAAGGAAGTTGTCCGAACAGACAGCTGAAGGGGCGGCG
GGGCCGGCTACCTTCAAAACCCAAGCAGCCCCAGATGCCTCCCCTGCCAATCTC
CTCACTTCCCTGGTCCGTGCACACCTGGACTCAGGGCCCAGCACTGCCAAACTGG
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GGATGTACAGCAGTTCTACGACCTGCTCTCCGGTTCTCTGGAGGTCATCCGCAAG
TGGGCGGAGAAGATCCCTGGCTTTGCTGAGCTGTCACCGGCTGACCAGGACCTGT
TGCTGGAGTCGGCCTTCCTGGAGCTCTTCATCCTCCGCCTGGCGTACAGGTCTAA
GCCAGGCGAGGGCAAGCTCATCTTCTGCTCAGGCCTGGTGCTACACCGGCTGCAG
TGTGCCCGTGGCTTCGGGGACTGGATTGACAGTATCCTGGCCTTCTCAAGGTCCC
TGCACAGCTTGCTTGTCGATGTCCCTGCCTTCGCCTGCCTCTCTGCCCTTGTCCTC
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CGCATCGCCAGCTGCCTGAAGGAGCACGTGGCAGCTGTGGCGGGCGAGCCCCAG
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GCCTGGGAACACGTGTGCACATGCGCACTCTCTCATATGCCACCCCATGTGCCTT
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GACCTGCTCACCTGCCCAAAGGGGATGAAGGGAGGGAGGCTCAAGGCCCTTGGG
GGAGGGGGATGCCTTCATGGGGGTGACCCACGATGTGTTCTTATCCCCCCCGCCT
GGCCACCGGCCTTTATGTTTTTTGTAAGATAAACCGTTTTAACACATAGCGCCGT
GCTGTAAATAAGCCCAGTACTGCTGTAAATACAGGAAGAAAGAGCTTGAGGTGG
GAGCGGGCTGGGAGGAAGGGATGGGCCCCGGCCTTCCTGGGCAGCCTTTCCAGC
CTCCTGCTGGGCTCTCTCTTCCTACCCTCCTTCCACATGTACATGTACATAAACTG
TCACTCTAGGAAGAAGACAAATGACAGATTCTGACCATTTATATTTGTGTATTTT
CCAGGATTTATAGTATGTGACTTTTCTGATTAATATATTTAATATATTGAATAAAA
AATAGACATGTAGTTGG

SEQ ID NO: 140
>gi|178049|gb|M93415.1|HUMACTIIA Human activin type II receptor mRNA, complete cds
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GAAGACCCAGGGAACTGGATATCTAGCGAGAACTTCCTCCGGATTCCCCGGCGC
CTCGGGAAAATGGGAGCTGCTGCAAAGTTGGCGTTTGCCGTCTTTCTTATCTCCT
GTTCTTCAGGTGCTATACTTGGTAGATCAGAAACTCAGGAGTGTCTTTTCTTTAAT
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TTGAAATAGTGAAACAAGGTTGTTGGCTGGATGATATCAACTGCTATGACAGGA
CTGATTGTGTAGAAAAAAAGACAGCCCTGAAGTATATTTTTGTTGCTGTGAGGG
CAATATGTGTAATGAAAGTTTTCTTATTTTCCGGAGATGGAAGTCACACAGCCC
ACTTCAAATCCAGTTACACCTAAGCCACCCTATTACAACATCCTGCTCTATTCCTT
5   GGTGCCACTTATGTTAATTGCGGGGATTGTCATTGTGCATTTTGGGTGTACAGG
CATCACAAGATGGCCTACCCTCCTGTACTTGTTCCAACTCAAGACCCAGGACCAC
CCCCACCTTCTCCATTACTAGGTTTGAAACCACTGCAGTTATTAGAAGTGAAAGC
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10   TACAGTTTGCCTGGAATGAAGCATGAGAACATATTACAGTTCATTGGTGCAGAAA
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15   ATGTGCTGTTGAAAAACAACCTGACAGCTTGCATTGCTGACTTTGGGTTGGCCTT
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CGCTGTACTGCTGCAGATGGACCTGTAGATGAATACATGTTGCCATTTGAGGAGG
20   AAATTGGCCAGCATCCATCTCTTGAAGACATGCAGGAAGTTGTTGTGCATAAAAA
AAAGAGGCCTGTTTTAAGAGATTATTGGCAGAAACATGCTGGAATGGCAATGCT
CTGTGAAACCATTGAAGAATGTTGGGATCACGACGCAGAAGCCAGGTTATCAGC
TGGATGTGTAGGTGAAAGAATTACCCAGATGCAGAGACTAACAAATATTATTAC
CACAGAGGACATTGTAACAGTGGTCACAATGGTGACAAATGTTGACTTTCCTCCC
25   AAAGAATCTAGTCTATGATGGTTGCGCCATCTGTGCACACTAAGAAATGGGACTC
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TGCTCTGGGAGACTTACTGCATTGCCGACAGCACAGATGTGAAGGACATGAGAC
TAAGAGAAACCTTGCAAACTCTATAAAGAAACTTTGAAAAAGTGTACATGAAG
30   AATGTAGCCCTCTCCAAATCAAGGATCTTTTGGACCTGGCTAATGGAGTGTTTGA
AAAACTGACATCAGATTTCTTAATGTCTGTCAGAAGACACTAATTCCTTAAATGAA
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CTTGTTTTTATTGCATTTGCTGTTGTTTCTATAAATGACTATTGTAATGCCAATAT
GACACAGCTTGTGAATGTTTAGTGTGCTGCTGTTCTGTGTACATAAAGTCATCAA
35   AGTGGGGTACAGTAAAGAGGCTTCCAAGCATTACTTTAACCTCCCTCAACAAGGT
ATACCTCAGTTCCACGGTTGCTAAATTATAAAATTGAAAACACTAACAAAATTTG
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SEQ ID NO: 141
40   >gi|2162949|gb|AA448929.1|AA448929 zx05d04.r1 Soares_total_fetus_Nb2HF8_9w Homo
sapiens cDNA clone IMAGE:785575 5' similar to gb:U05875 INTERFERON-GAMMA
RECEPTOR BETA CHAIN PRECURSOR (HUMAN);, mRNA sequence
AACATATCTTGCTACGAAACAATGGCAGATGCTCCACTGAGCTTCAGCAAGTCAT
CCTGATCTCCGTGGGAACATTTTCGTTGCTGTCGGTGCTGGCAGGAGCCTGTTTCT
45   TCCTGGTCCTGAAATATAGAGGCCTGATTAAATACTGGTTTCACACTCCACCAAG
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GCCTTGGACAAGGACAGCTCACCAAAGGATGACGTCTGGGACTCTGTGTCCAT

154

SEQ ID NO: 142
>gi|2216790|gb|AA486626.1|AA486626 ab16a03.r1 Stratagene lung (#937210) Homo sapiens cDNA clone IMAGE:840940 5' similar to gb:Y00345_cds1 POLYADENYLATE-BINDING PROTEIN (HUMAN);, mRNA sequence
GCCGCTCCTTGGGCTACGCGTATGTGAACTTCCAGCAGCCGGCGGATCCGGACGT
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TC

SEQ ID NO: 143
>gi|189713|gb|M21571.1|HUMPDGFA1 Human platelet-derived growth factor (PDGFA) A chain gene, exon 1
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TAGCTGCTTGCGCGAGCGCGTGTGTGCTCCCTGCCGCAGCGGCGGCGCCCGGGCC
CTGCCGGGTCCGCACGAACCCCGAGCGCTTCCGAGGTGCGGGTCCCAGGCCCGG
AATCCGGGGGAGGCGGGGGGGGGGGGCGGGGGCGGGGGCGGGGGAGGGGCG
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CGGGGAGCGAGCGCGGCGGCGGCCAGCACCGGGAACGCACCGAGGAAGAAGCC
CAGCCCCCGCCCTCCGCCCCTTCCGTCCCCACCCCCTACCCGGCGGCCCAGGAGG
CTCCCCGCGCTGCGGGCGCGCACTCCCTGTTTCTCCTCCTCCTGGCTGGCGCTGCC
TGCCTCTCCGCACTCACTGCTCGCGCCGGGCGCGCTCCGCCAGCTCCGTGCTCCC
CGCGCCACCCTCCTCCGGGCCGCGCTCCCTAAGGGATGGTACTGAATTTCGCCGC
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CCAGCGCCTCGGGACGCGATGAGGACCTTGGCTTGCCTGCTGCTCCTCGGCTGCG
GATACCTCGCCCATGTTCTGGCCGAGGTTGGTGCCGCCCCCGCGCCCCGTCCCTG
CGCCGGCTCCTCCG

SEQ ID NO: 144
>gi|2217690|gb|AA487526.1|AA487526 ab20e09.s1 Stratagene lung (#937210) Homo sapiens cDNA clone IMAGE:841384 3', mRNA sequence
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CTCAAGCTAGGTCCATATATTAGTG

SEQ ID NO: 145
>gi|219911|dbj|D12614.1|HUMLTNFB Human mRNA for lymphotoxin (TNF-beta),
complete cds
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TGCCTGGGCCTGGGCCTTGGTTCTCCCCATGACACCACCTGAACGTCTCTTCCTCC
CAAGGGTGTGTGGCACCACCCTACACCTCCTCCTTCTGGGGCTGCTGCTGGTTCT
GCTGCCTGGGGCCCAGGGGCTCCCTGGTGTTGGCCTCACACCTTCAGCTGCCCAG
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AAGAGATGAAGAGTGAGAGGGCATGCGCACAAGGCTGACCAAGAGAGAAAGAA
GTAGGCATGAGGGATCACAGGGCCCCAGAAGGCAGGGAAAGGCTCTGAAAGCC
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SEQ ID NO: 146
>gi|1012035|gb|H59203.1|H59203 yr03c12.r1 Soares fetal liver spleen 1NFLS Homo sapiens
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ACCTCCTTGTTCTCCACCAAAGCAAGGCAAGAAAGAGAATGGTCCCCCTCACTCA
CATACACTTAAGGGACGAAGATTGGTATTTGACAATCAGCTGACAATTAAGTCTC
CTAGCAAAAGAGAACTAGCCAAAGTTCACCAAAACAAAATACTTTCTTTCAGTTA
GGAAAAAGTCAAGGGNTTCACAACAAATTTTTGAGGCAGGGGTGTCCACTGAAG
GANAGGANTCTGGCTGCGTGGGGANTATTTCAAGGCAAGAAGGGCATTTGCTAC
CNGCAGGCAAAGTTGGTNC

SEQ ID NO: 147
>gi|1162368|gb|N39161.1|N39161 yv26a01.s1 Soares fetal liver spleen 1NFLS Homo
sapiens cDNA clone IMAGE:243816 3' similar to gb:M98399 PLATELET
GLYCOPROTEIN IV (HUMAN);, mRNA sequence
TTAAGGAAGAACATATTTTAATGGTTGAAACCTGTCTTTATGAGGCGATTATGAC
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TACAATAATTCCTTTATCATTTACATCTCTTAATGCTAGAAAAGCATTCTGAAGAT
GCCAAGCGTAAGTTGCAACTGAGTAAAAAAAAAAAAGCAAAATTTACTCAATTT
CCAGAAGAGGTGCAGAACAGAGAATGAAGGTCCTTAAAATATAAACCGCTAGTG
TGCTAAAATGATGTCCATTTGCAGGATCAGTGGACAAAATATTTAAGCCCATAAA
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AGCCAATTATTTATAAATGGCCTTCCAAATATTTGGT

SEQ ID NO: 148
>gi|1548486|gb|AA056148.1|AA056148 zf55d10.r1 Soares retina N2b4HR Homo sapiens
cDNA clone IMAGE:380851 5' similar to TR:G1143719 G1143719 RS-REX-B. ;, mRNA
sequence
CTGTCCTCGGAGCAGGCGGAGTAAAGGGACTTGAGCGAGCCAGTTGCCGGATTA
TTCTATTTCCCCTCCCTCTCTCCCGCCCCGTATCTCTTTTCACCCTTCTCCCACCCT
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SEQ ID NO: 149
>gi|545303|gb|S69200.1|S69200 EP3 prostanoid receptor isoform EP 3-II {alternatively
spliced} [human, mRNA, 1682 nt]
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10 SEQ ID NO: 150
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15 CTCAGAGAAGTCTCCCTGTTCTGTCCTAGCTATGTTCCTGTGTTGTGTGCATTCGT
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SEQ ID NO: 151
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SEQ ID NO: 152
>3386845H1
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SEQ ID NO: 153
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SEQ ID NO: 154
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PLASMINOGEN ACTIVATOR PRECURSOR (HUMAN);
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SEQ ID NO: 155
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SEQ ID NO: 156
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SEQ ID NO: 157
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SEQ ID NO: 159
>gi|340155|gb|K03226.1|HUMUKM1 Human preprourokinase mRNA, complete cds
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SEQ ID NO: 162
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DEPENDENT DNA HELICASE Q1. ;, mRNA sequence
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SEQ ID NO: 164
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SEQ ID NO: 165
>gi|2177519|gb|AA454743.1|AA454743 zx77e01.s1 Soares ovary tumor NbHOT Homo
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SEQ ID NO: 166
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SEQ ID NO: 167
>gi|1518787|gb|U62801.1|HSU62801 Human protease M mRNA, complete cds
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SEQ ID NO: 168
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SEQ ID NO: 170
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45   CTCTGACAACTTCTCCGGCTCAGGTGCAGGTGCTTTGCAAGATATCACCTTGTCA
CAGCAGACCCCTCCACTTGGAAGGACACGCAGCTCCTGACGGCTATTCCCACGT
CTCCAGAACCCACCGGCCTGGAGGCTACAGCTGCCTCCACCTCCACCCTGCCGGC
TGGAGAGGGGCCCAAGGAGGGAGAGGCTGTAGTCCTGCCAGAAGTGGAGCCTG
GCCTCACCGCCCGGGAGCAGGAGGCCACCCCCCGACCCAGGGAGACCACACAGC

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        TCCCGACCACTCATCAGGCCTCAACGACCACAGCCACCACGGCCCAGGAGCCCG
        CCACCTCCCACCCCCACAGGGACATGCAGCCTGGCCACCATGAGACCTCAACCCC
        TGCAGGACCCAGCCAAGCTGACCTTCACACTCCCCACACAGAGGATGGAGGTCC
        TTCTGCCACCGAGAGGGCTGCTGAGGATGGAGCCTCCAGTCAGCTCCCAGCAGC
5       AGAGGGCTCTGGGGAGCAGGACTTCACCTTTGAAACCTCGGGGGAGAATACGGC
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        CACGGGGGCCTCACAGGGCCTCCTGGACAGGAAAGAGGTGCTGGGAGGGGTCAT
        TGCCGGAGGCCTCGTGGGGCTCATCTTTGCTGTGTGCCTGGTGGGTTTCATGCTGT
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10      GCCAACGGCGGGGCCTACCAGAAGCCCACCAAACAGGAGGAATTCTATGCCTGA
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        TTCCTTGAAGAACTGCAGGCCCTGGCCTCCCCTGCCACCAGGCCACCTCCCCAGC
        ATTCCAGCCCCTCTGGTCGCTCCTGCCCACGGAGTCGTGGGTGTGCTGGGAGCTC
        CACTCTGCTTCTCTGACTTCTGCCTGGAGACTTAGGGCACCAGGGGTTTCTCGCAT
15      AGGACCTTTCCACCACAGCCAGCACCTGGCATCGCACCATTCTGACTCGGTTTCT
        CCAAACTGAAGCAGCCTCTCCCCAGGTCCAGCTCTGGAGGGGAGGGGGATCCGA
        CTGCTTTGGACCTAAATGGCCTCATGTGGCTGGAAGATCTGCGGGTGGGGCTTGG
        GGCTCACACACCTGTAGCACTTACTGGTAGGACCAAGCATCTTGGGGGGGTGGC
        CGCTGAGTGGCAGGGACAGGAGTCACTTTGTTTCGTGGGGAGGTCTAATCTAGAT
20      ATCGACTTGTTTTTGCACATGTTTCCTCTAGTTCTTTGTTCATAGCCCAGTAGACC
        TTGTTACTTCTGAGGTAAGTTAAGTAAGTTGATTCGGTATCCCCCCATCTTGCTTC
        CCTAATCTATGGTCGGGAGACAGCATCAGGGTTAAGAAGACTTTTTTTTTTTTTT
        TTAAACTAGGAGAACCAAATCTGGAAGCCAAAATGTAGGCTTAGTTTGTGTGTTG
        TCTCTTGAGTTTGTCGCTCATGTGTGCAACAGGGTATGGACTATCTGTCTGGTGGC
25      CCCGTTTCTGGTGGTCTGTTGGCAGGCTGGCCAGTCCAGGCTGCCGTGGGGCCGC
        CGCCTCTTTCAAGCAGTCGTGCCTGTGTCCATGCGCTCAGGGCCATGCTGAGGCC
        TGGGCCGCTGCCACGTTGGAGAAGCCCGTGTGAGAAGTGAATGCTGGGACTCAG
        CCTTCAGACAGAGAGGACTGTAGGGAGGGCGGCAGGGCCTGGAGATCCTCCTG
        CAGACCACNCCCGTCCTGCCTGTGCGCCGTCTCCAGGGGCTGCTTCCTCCTGGAA
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        AGGTTCTCCGTTAGCTCCTGTGGCCCCACCCTGGGCCCTGGGCTGGAATCAGGAA
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35   SEQ ID NO: 171
>gi|602452|gb|M25315.1|HUMCYTNEWA Homo sapiens (clone pAT 464) potential
lymphokine/cytokine mRNA, complete cds

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        GCCCACATTCCGTCACCTGCTCAGAATCATGCAGGTCTCCACTGCTGCCCTTGCT
40      GTCCTCCTCTGCACCATGGCTCTCTGCAACCAGTTCTCTGCATCACTTGCTGCTGA
        CACGCCGACCGCCTGCTGCTTCAGCTACACCTCCCGGCAGATTCCACAGAATTTC
        ATAGCTGACTACTTTGAGACGAGCAGCCAGTGCTCCAAGCCCGGTGTCATCTTCC
        TAACCAAGCGAAGCCGGCAGGTCTGTGCTGACCCCAGTGAGGAGTGGGTCCAGA
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        CACTGTGGGACTCTTCTTAACTTAAATTTTAATTTATTTATACTATTTAGTTTTTGT
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        TCCCCTCCCCCTTCCCTCACACCGCGTCTGGTGACAACCGAGTGGCTGTCATCAG
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CCTGTGTAGGCAGTCATGGCACCAAAGCCACCAGACTGACAAATGTGTATCGGA
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AAGGT

5   SEQ ID NO: 172
>gi|179039|gb|M30704.1|HUMARXC Human amphiregulin (AR) mRNA, complete cds,
clones lambda-AR1 and lambda-AR2
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CGCCGCGCCCGCCGCCCCGAGCTCCCCAAGCCTTCGAGAGCGGCGCACACTCCC
10   GGTCTCCACTCGCTCTTCCAACACCCGCTCGTTTTGCGGCAGCTCGTGTCCCAGA
GACCGAGTTGCCCCAGAGACCGAGACGCCGCCGCTGCGAAGGACCAATGAGAGC
CCCGCTGCTACCGCCGGCGCCGGTGGTGCTGTCGCTCTTGATACTCGGCTCAGGC
CATTATGCTGCTGGATTGGACCTCAATGACACCTACTCTGGGAAGCGTGAACCAT
TTTCTGGGGACCACAGTGCTGATGGATTTGAGGTTACCTCAAGAAGTGAGATGTC
15   TTCAGGGAGTGAGATTTCCCTGTGAGTGAAATGCCTTCTAGTAGTGAACCGTCC
TCGGGAGCCGACTATGACTACTCAGAAGAGTATGATAACGAACCACAAATACCT
GGCTATATTGTCGATGATTCAGTCAGAGTTGAACAGGTAGTTAAGCCCCCCAAA
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GGCAAAAATGGAAAAATAGAAGAAACAGAAGAAGAAAAATCCATGTAATGC
20   AGAATTTCAAAATTTCTGCATTCACGGAGAATGCAAATATATAGAGCACCTGGA
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GTCCATGAAAACTCACAGCATGATTGACAGTAGTTTATCAAAAATTGCATTAGCA
GCCATAGCTGCCTTTATGTCTGCTGTGATCCTCACAGCTGTTGCTGTTATTACAGT
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25   AGAAACTTCGACAAGAGAATGGAAATGTACATGCTATAGCATAACTGAAGATAA
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CGGTCCTCTTTCCAGTGGATCATAAGACAATGGACCCTTTTTGTTATGATGGTTTT
AAACTTTCAATTGTCACTTTTTATGCTATTTCTGTATATAAAGGTGCACGAAGGTA
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30   ATTTTACAGCTCATTAAACTTTTTAACC

SEQ ID NO: 173
>1227785H1
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GGCCTGCACCGCCATCCCGNAGTGGCAGATGAGCTCCTATGCGGGTGACA

40   SEQ ID NO: 174
>4872203H1
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ACCTTTTGTTTGCCTAGGGCGCCGAGAGCGCCCGGAGGGAACCGCCTGGCCTTCG
45   GGGACCACCAATTTTGTCTGGAACCACCCTCCCGGCGTATCCTACTCCCTGTGCC
GCGAGCCATCGCTTCACTGGAGGG

SEQ ID NO: 175
>gi|1011705|gb|H58873.1|H58873 yr36a12.s1 Soares fetal liver spleen 1NFLS Homo sapiens cDNA clone IMAGE:207358 3' similar to gb:K03195 GLUCOSE TRANSPORTER TYPE 1, ERYTHROCYTE/BRAIN (HUMAN);, mRNA sequence
ACTATAACTTAGTGTCTGTATTTAATATTGACAACCAAAAATATATATANTTTTNT
TGCATCTATACACAACAGGGCAGGAGTCTCCATGTNTTCTTGAGCAGTGAGTTTG
CAGGCTCCCACAGGCCCTCTTCTCATGGTAATAGTGTGGCCCTAGTGCAAAGGAG
ACTAGAACCCGGCAGCCCAGACTGGCCCTTCCCCTCTCCTCCCTGCACTCCAGTG
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CT

SEQ ID NO: 176
>1858095F6
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CCTGACACGCTATGGGAAAGAGATCTCCATGGTCAGGATCCCCAACAGGGGCTC
AGCCCGGTACCTGGCGAGGAAGTACAACCGCAACGAGACCTACATACGGGAGAA
CTTCCTGGTCCTAGATGTCTTCTTTGAGGCCCTGACCTCTGAAGCCATGGAGCAG
CGAGCAGCCTATGGCCTGTCAGCCCTGCTGGGAGACCTCGGGGGACAGATGGGC
CTGTTCATTGGGGCCAGCATCCTCACGTTGCTGGAGATCCTCGACTACATCTATG
AGGTGTCCTGGGATCGACTGAAGCGGGTATGGAGGCGTCCCAAGACCCCCCCTG
GGGACCTCCACTGGGGGCATCTCCA

SEQ ID NO: 177
>gi|2046919|gb|AA393950.1|AA393950 zt78a10.r1 Soares_testis_NHT Homo sapiens cDNA clone IMAGE:728442 5' similar to gb:L29007_cds1 AMILORIDE-SENSITIVE SODIUM CHANNEL ALPHA-SUBUNIT (HUMAN);, mRNA sequence
AGGAGAGCATGATCAAGGAGTGTGGCTGTCTACATCTTCTATCCGCGGCCCCAGA
ACGTGGAGTACTGTGACTACAGAAAGCACAGTTCCTGGGGGTACTGCTACTATA
AGCTCCAGGTTGACTTCTCCTCAGACCACCTGGGCTGTTTCACCAAGTGCCGGAA
GCCATGCAGCGTGACCAGCTACCAGCTCTCTGCTGGTTACTCACGATGGCCCTCG
GTGACATCCCAGGAATGGGTCTTCCAGATGCTATCGCGACAGAACAATTACACC
GTCAACAACAAGAGAAATGGAGTGGCCAAAGTCAACATCTTCTTCAAGGAGCTG
AACTACAAAACCAATTCTGAGTCTCCCTCTGTCACGATGGTCACCCTCCTGTCCA
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SEQ ID NO: 178
>gi|2184104|gb|AA459197.1|AA459197 zx88h05.r1 Soares ovary tumor NbHOT Homo sapiens cDNA clone IMAGE:810873 5', mRNA sequence
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TCCTCCTCTTGAACTTGGGTGGGAAACCCCACCCAAAAGCCCCCTTTGTTACTTA
GGCAATTCCCCTTCCCTGACTCCCGAGGGCTAGGGCTAGAGCAGACCCGGGTAA
GTAAAGGCAGACCCAGGGCTCCTCTAGCCTCATACCCGTGCCCTCACAGAGCCAT
GCCCCGTCACCTCTGCCCTGTGTCTTTCATACCTCTACATGTCTGCTTGAGATATT

TCCTCAGCCTGAAAGTTTCCCCAACCATCTGCCAGAGAACTCCTATGCATCCCTT
AGAACCCTGCTCAGACACCATTACTTTTGTGAACGCTTCTGCCACATCTTGTCTTC
CCCAAAATTGATCACT

5   SEQ ID NO: 179
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10   CCCGCTGCTCCTTAGAGACAGGGGAGGCAGATATGCACAAACGCCTCGGCCC
     AGCTTGGGGCTGGCGGGGGAGGCTGTGTCTTCAAACCTTTGCCCCAGTTGGGTC
     AGTAGAACCACCAGTGTCCTCCCCTTCTACCTCCCAGCTCCACTTTGGAGGCTGA
     GGAAGCGAGAGGTTTTCTAGGCAGATTTGGAGCCCTGGAGATTGAGTTCACAGT
     GTATGTTCTGGGGGCGCTGGTGCAGTCAGCGGTCCAGTCTCCAGCCTGCAGGCGT
15   GCACACTGGGGTGGACGATGGGTGGCCCCGCAGTGTACACATTTGGGTGGGCCC
     CGGCCCCTATACCCCAGTGTTCTCTTTGATCCAGTCCCGAAACAGAAGGGAGCTT
     GTGTACAC

     SEQ ID NO: 180
20   >2798465H1
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     GCCAAGCCTCGCCTCCTACCACACCACACCAGGCCACCCCAGCTGCAAGTGCCTT
     CCTTGGAGCAGAGAGGCAGCCTCGTCCTCCTGTCCCCTCTCCTCCCA
25

     SEQ ID NO: 181
     >gi|29370|emb|Y00106.1|HSBAR Human gene for beta-adrenergic receptor (beta-2 subtype)
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     TGTGTGAGAGCGCGCGCGAGTGTGCATGTCGGTGAGCTGGGAGGGTGTGTCTCA
30   GTGTCTATGGCTGTGGTTCGGTATAAGTCTAAGCATGTCTGCCAGGGTGTATTTG
     TGCCTGTATGTGCGTGCCTCGGTGGGCACTCTCGTTTCCTTCCGAATGTGGGGCA
     GTGCCGGTGTGCTGCCCTCTGCCTTGAGACCTCAAGCCGCGCAGGCGCCCAGGGC
     AGGCAGGTAGCGGCCACAGAAGAGCCAAAAGCTCCCGGGTTGGCTGGTAAGCAC
     ACCACCTCCAGCTTTAGCCCTCTGGGGCCAGCCAGGGTAGCCGGGAAGCAGTGG
35   TGGCCCGCCCTCCAGGGAGCAGTTGGGCCCCGCCCGGGCCAGCCTCAGGAGAAG
     GAGGGCGAGGGGAGGGGAGGGAAAGGGGAGGAGTGCCTCGCCCCTTCGCGGCT
     GCCGGCGTGCCATTGGCCGAAAGTTCCCGTACGTCACGGCGAGGGCAGTTCCCCT
     AAAGTCCTGTGCACATAACGGGCAGAACGCACTGCGAAGCGGCTTCTTCAGAGC
     ACGGGCTGGAACTGGCAGGCACCGCGAGCCCCTAGCACCCGACAAGCTGAGTGT
40   GCAGGACGAGTCCCCACCACACCCACACCACAGCCGCTGAATGAGGCTTCCAGG
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     AGCCAGTGCGCTTACCTGCCAGACTGCGCGCCATGGGGCAACCCGGGAACGGCA
     GCGCCTTCTTGCTGGCACCCAATAGAAGCCATGCGCCGGACCACGACGTCACGC
     AGCAAAGGGACGAGGTGTGGGTGGTGGGCATGGGCATCGTCATGTCTCTCATCG
45   TCCTGGCCATCGTGTTTGGCAATGTGCTGGTCATCACAGCCATTGCCAAGTTCGA
     GCGTCTGCAGACGGTCACCAACTACTTCATCACTTCACTGGCCTGTGCTGATCTG
     GTCATGGGCCTGGCAGTGGTGCCCTTTGGGGCCGCCCATATTCTTATGAAAATGT
     GGACTTTTGGCAACTTCTGGTGCGAGTTTTGGACTTCCATTGATGTGCTGTGCGTC
     ACGGCCAGCATTGAGACCCTGTGCGTGATCGCAGTGGATCGCTACTTTGCCATTA

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GTGACTTCTTCACGAACCAAGCCTATGCCATTGCCTCTTCCATCGTGTCCTTCTAC
5 GTTCCCCTGGTGATCATGGTCTTCGTCTACTCCAGGGTCTTTCAGGAGGCCAAAA
GGCAGCTCCAGAAGATTGACAAATCTGAGGGCCGCTTCCATGTCCAGAACCTTA
GCCAGGTGGAGCAGGATGGGCGGACGGGGCATGGACTCCGCAGATCTTCCAAGT
TCTGCTTGAAGGAGCACAAAGCCCTCAAGACGTTAGGCATCATCATGGGCACTTT
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10 ACCTCATCCGTAAGGAAGTTTACATCCTCCTAAATTGGATAGGCTATGTCAATTC
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CAACGGCAACACAGGGGAGCAGAGTGGATATCACGTGGAACAGGAGAAAGAAA
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15 GTACTGTGCCTAGCGATAACATTGATTCACAAGGGAGGAATTGTAGTACAAATG
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CACTAAACAGACTATTTAACTTGAGGGTAATAAACTTAGAATAAAATTGTAAAT
TGTATAGAGATATGCAGAAGGAAGGGCATCCTTCTGCCTTTTTTATTTTTTTAAGC
TGTAAAAGAGAGAAACTTATTTGAGTGATTATTTGTTATTTGTACAGTTCAGT
20 TCCTCTTTGCATGGAATTTGTAAGTTTATGTCTAAAGAGCTTTAGTCCTAGAGGAC
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SEQ ID NO: 182
>gi|2110744|gb|AA429219.1|AA429219 zv78h08.r1 Soares_total_fetus_Nb2HF8_9w Homo
25 sapiens cDNA clone IMAGE:759807 5' similar to TR:G1136412 G1136412 KIAA0176
PROTEIN ;, mRNA sequence
GTGATCTGCATGTGGCAGGGCTGCGCAGTGGAGCGGCCAGTGGGCAGGATGACG
AGCCAGACCCCTCTGCCCCAGTCCCCCCGGCCCAGGCGGCCAACGATGTCTACTG
TTGTGGAGCTGAACGTCGGGGGTGAGTTCCACACCACCACCCTGGGTACCCTGAG
30 GAAGTTTCCGGGCTCAAAGCTGGCAGAGATGTTCTCTAGCTTAGCCAAGGCCTCC
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TCCTGGACTACCTGCGCACTGGGCAAGTGCCACACAGCACATCCCTGAAGTGTAC
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35
SEQ ID NO: 183
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40 GAAATCACAGAAAACAGCCAGGAGCTTCGCATGCGGAACTCAAGTGGGCCCTGT
CTCTCAGGCTCCCTGGTCTCCCTGCACTGTCTTGCCTGTGGGAAGAGCCTGAAGA
CCCGGGGGTGTGGTGGGTGGGGAGGAG

SEQ ID NO: 184
45 >gi|189952|gb|M86400.1|HUMPHPLA2 Human phospholipase A2 mRNA, complete cds
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AGGCCAAACTGGCCGAGCAGGCTGAGCGATATGATGACATGGCAGCCTGCATGA
AGTCTGTAACTGAGCAAGGAGCTGAATTATCCAATGAGGAGAGGAATCTTCTCTC

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     AGTTGCTTATAAAAATGTTGTAGGAGCCCGTAGGTCATCTTGGAGGGTCGTCTCA
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     ATACAGAGAGAAAATTGAGACGGAGCTAAGAGATATCTGCAATGATGTACTGTC
     TCTTTTGGAAAAGTTCTTGATCCCCAATGCTTCACAAGCAGAGAGCAAAGTCTTC
  5  TATTTGAAAATGAAAGGAGATTACTACCGTTACTTGGCTGAGGTTGCCGCTGGTG
     ATGACAAGAAAGGGATTGTCGATCAGTCACAACAAGCATACCAAGAAGCTTTTG
     AAATCAGCAAAAGGAAATGCAACCAACACATCCTATCAGACTGGGTCTGGCCC
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     CTTGCAAAGACAGCTTTTGATGAAGCCATTGCTGAACTTGATACATTAAGTGAAG
 10  AGTCATACAAAGACAGCACGCTAATAATGCAATTACTGAGAGACAACTTGACAT
     TGTGGACATCGGATACCCAAGGAGACGAAGCTGAAGCAGGAGAAGGAGGGGAA
     AATTAACCGGCCTTCCAACTTTTGTCTGCCTCATTCTAAAATTTACACAGTAGACC
     ATTTGTCATCCATGCTGTCCCACAAATAGTTTTTGTTACGATTTATGACAGGTT
     TATGTTACTTCTATTTGAATTTCTATATTTCCCATGTGGTTTTTATGTTAATATTA
 15  GGGGAGTAGAGCCAGTTAACATTTAGGGAGTTATCTGTTTTCATCTTGAGGTGGC
     CAATATGGGGATGTGGAATTTTTATACAAGTTATAAGTGTTTGGCATAGTACTTT
     TGGTACATTGTGGCTTCAAAAGGGCCAGTGTAAAACTGCTTCCATGTCTAAGCAA
     AGAAAACTGCCTACATACTGGTTTGTCCTGGCGGGGAATAAAAGGGATCATTGG
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     TGTAAAGTTACCTGCTGTTAGCTTTCATTATTTTTGCTACACTCATTTTATTTGTAT
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 25  TGAATTGCTTGGTATTCATTACTTCATGTATATCAAGCACAGCAGTAAAACAAAA
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     CATAATTGTTAAGAACACGTGTATTAAATTCATGTAAGTGGAATAAAAGTTTTAT
 30  GAATGGACTTTTCAACTACTTTCTACAGCTTTTCATGTAAATTAGTCTTGGTTC
     TGAAACTTCTCTAAAGGAAATTGTACATTCTTTGAAATTTATTCCTTATTCCCTCT
     TGGCAGCTAATGGGCTCTTACCAAGTTTAAACACAAATTTATCATAACAAAAAT
     ACTACTAATATAACTACTGTTTCCATGTCCCATGATCCCCTCTCTTCCTCCCCACC
     CTGAAAAAATGAGTTCCTATTTTTTCTGGGAGAGGGGGGGGATTGATTAGAAAA
 35  AAATGTAGTGTGTTCCATTTAAAATTTTGGCATATGGCATTTTCTAACTTAGGAA
     GCCACAATGTTCTTGGCCCATCATGACATTGGGTAGCATTAACTGTAAGTTTTGT
     GCTTCCAAATCACTTTTTGGTTTTTAAGAATTTCTTGATACTCTTATAGCCTGCCTT
     CAATTTTGATCCTTTATTCTTTCTATTTGTCAGGTGCACAAGATTACCTTCCTGTTT
     TAGCCTTCTGTCTTGTCACCAACCATTCTTACTTGGTGGCCATGTACTTGGAAAAA
 40  GGCCGCATGATCTTTCTGGCTCCACTCAGTGTCTAAGGCACCCTGCTTCCTTTGCT
     TGCATCCCACAGACTATTTCCCTCATCCTATTTACTGCAGCAAATCTCTCCTTAGT
     TGATGAGACTGTGTTTATCTCCCTTTAAAACCCTACCTATCCTGAATGGTCTGTCA
     TTGTCTGCCTTTAAAATCCTTCCTCTTTCTTCCTCCTCTATTCTCTAAATAATGATG
     GGGCTAAGTTATACCCAAAGCTCACTTTACAAATATTTCCTCAGTACTTTGCAG
 45  AAAACACCAAACAAAATGCCATTTTAAAAAGGTGTATTTTTTCTTTTAGAATG
     TAAGCTCCTCAAGAGCAGGGACAATGTTTTCTGTATGTTCTATTGTGCCTAGTAC
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>2301338H1
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ACTCGGTCCCCCTTGCCGTGCTCCCCTCCCTCCTCGTCTG

SEQ ID NO: 186
>gi|1209100|gb|U41163.1|HSU41163 Human creatine transporter (SLC6A10) gene, partial
cds
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TCCTGTCCCCACTGAGGAGAGCTCCTAGAGGCTCGCCCGCTCCCCACTGACATGC
ATCCCTGCAGACAAACGAGGCGCCCAGAGAGCTTCCCCACTGCACTTGCCAGGG
CTGCGGGCCCAGCCTTGCCCCTAGCTTCCTCTGGCGGGAGCTATGGCTCGGAGGA
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CTGGTCAAAGCTGGGGTCCCCTCAGGTGAGGTGGAGGTGGGGAGGCTGCAGCAG
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CTGGGACAGGGAGCCAGGAGAGGGGCGGAGTGAGGGCTGCGGGCAAGGAAAGG
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SEQ ID NO: 188
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SEQ ID NO: 190
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SEQ ID NO: 191
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SEQ ID NO: 192
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SEQ ID NO: 193
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SEQ ID NO: 202
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GLYCOPROTEIN IV (HUMAN);, mRNA sequence
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SEQ ID NO: 208
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SEQ ID NO: 209
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   20   GAGTCCTCCTGCCTTCTGGGTTGCCCTGGAAAACAGACTATCCCCCCTCCTAGTG
        AAGGGAGTGGGTAGGGGTTTCAGCCCCACCCTCAGGAAGATGCGTCTTCCCTGTC
        CTCTGCTCTGTGGTACTTCCTCTCTGGCTGATTTAGCAAACAGCACCTAGACCTGG
        GGCCAGGCCTTTGGCAGTGGGACAGATCCAGGGATAGGCTACACCACCCTGCCC
        TGACCCTGGGATTGGCATCAGCTTCCAACCAGTTCCTGCCAAAGCTTGTAAGTCC
   25   TCCCGACGGCCATGAACACTACATCTTCTGCAGCACCCCCTCACTAGGTGTAGA
        GTTCATCTCTCTGCTGGCTATCATCCTGCTGTCAGTGGCGCTGGCTGTGGGGCTTC
        CCGGCAACAGCTTTGTGGTGTGGAGTATCCTGAAAAGGATGCAGAAGCGCTCTG
        TCACTGCCCTGATGGTGCTGAACCTGGCCCTGGCCGACCTGGCCGTATTGCTCAC
        TGCTCCCTTTTTCCTTCACTTCCTGGCCCAAGGCACCTGGAGTTTTGGACTGGCTG
   30   GTTGCCGCCTGTGTCACTATGTCTGCGGAGTCAGCATGTACGCCAGCGTCCTGCT
        TATCACGGCCATGAGTCTAGACCGCTCACTGGCGGTGGCCCGCCCCTTTGTGTCC
        CAGAAGCTACGCACCAAGGCGATGGCCCGGCGGGTGCTGGCAGGCATCTGGGTG
        TTGTCCTTTCTGCTGGCCACACCCGTCCTCGCGTACCGCACAGTAGTGCCCTGGA
        AAACGAACATGAGCCTGTGCTTCCCGCGGTACCCCAGCGAAGGGCACCGGGCCT
   35   TCCATCTAATCTTCGAGGCTGTCACGGGCTTCCTGCTGCCCTTCCTGGCTGTGGTG
        GCCAGCTACTCGGACATAGGGCGTCGGCTACAGGCCCGGCGCTTCCGCCGCAGC
        CGCCGCACCGGCCGCCTGGTGGTGCTCATCATCCTGACCTTCGCCGCCTTCTGGC
        TGCCCTACCACGTGGTGAACCTGGCTGAGGCGGGCCGCGCGCTGGCCGGCCAGG
        CCGCCGGGTTAGGGCTCGTGGGGAAGCGGCTGAGCCTGGCCCGCAACGTGCTCA
   40   TCGCACTCGCCTTCCTGAGCAGCAGCGTGAACCCCGTGCTGTACGCGTGCGCCGG
        CGGCGGCCTGCTGCGCTCGGCGGGCGTGGGCTTCGTCGCCAAGCTGCTGGAGGG
        CACGGGTTCCGAGGCGTCCAGCACGCGCCGCGGGGGCAGCCTGGGCCAGACCGC
        TAGGAGCGGCCCCGCCGCTCTGGAGCCCGGCCCTTCCGAGAGCCTCACTGCCTCC
        AGCCCTCTCAAGTTAAACGAACTGAACTAGGCTGGTGGAAGGAGGCGCACTTT
   45   CCTCCTGGCAGAATGCTAGCTCTGAGCCAGTTCAGTACCTGGAGGAGGAGCAGG
        GGCGTGGAGGGCGTGGAGGGCGTGGGAGCGTGGGAGGCGGGAGTGGAGTGGAA
        GAAGAGGGAGAGATGGAGCAAAGTGAGGGCCGAGTGAGAGCGTGCTCCAGCCT
        GGCTCCCACAGGCAGCTTTAACCATTAAAACTGAAGTCTGAA
```

SEQ ID NO: 210
>gi|521217|gb|M27602.1|HUMTRPSGNB Human pancreatic trypsinogen (TRY2) mRNA, complete cds
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CTTTGATGATGATGACAAGATCGTTGGGGGCTACATCTGTGAGGAGAATTCTGTC
CCCTACCAGGTGTCCTTGAATTCTGGCTACCACTTCTGCGGTGGCTCCCTCATCAG
CGAACAGTGGGTGGTGTCAGCAGGTCACTGCTACAAGTCCCGCATCCAGGTGAG
ACTGGGAGAGCACAACATCGAAGTCCTGGAGGGGAATGAACAGTTCATCAATGC
GGCCAAGATCATCCGCCACCCCAAATACAACAGCCGGACTCTGGACAATGACAT
CCTGCTGATCAAGCTCTCCTCACCTGCCGTCATCAATTCCCGCGTGTCCGCCATCT
CTCTGCCCACTGCCCCTCCAGCTGCTGGCACCGAGTCCCTCATCTCCGGCTGGGG
CAACACTCTGAGTTCTGGTGCCGACTACCCAGACGAGCTGCAGTGCCTGGATGCT
CCTGTGCTGAGCCAGGCTGAGTGTGAAGCCTCCTACCCTGGAAAGATTACCAACA
ACATGTTCTGTGTGGGCTTCCTCGAGGGAGGCAAGGATTCCTGCCAGGGTGATTC
TGGTGGCCCTGTGGTCTCCAATGGAGAGCTCCAAGGAATTGTCTCCTGGGGCTAT
GGCTGTGCCCAGAAGAACAGGCTGGAGTCTACACCAAGGTCTACAACTATGTG
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AGTCTCTATACCAATAAAGTGACCCTGCTCTCAC

SEQ ID NO: 211
>gi|186262|gb|M24594.1|HUMII56KD Human interferon-inducible 56 Kd protein mRNA, complete cds
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GCAATTGAGATGTCACTTTACATGGGAGTTATCCATTGATGACGATGAAATGCCT
GATTTAGAAAACAGAGTCTTGGATCAGATTGAATTCCTAGACACCAAATACAGT
GTGGGAATACACAACCTACTAGCCTATGTGAAACACCTGAAAGGCCAGAATGAG
GAAGCCCTGAAGAGCTTAAAAGAAGCTGAAAACTTAATGCAGGAAGAACATGAC
AACCAAGCAAATGTGAGGAGTCTGGTGACCTGGGGCAACTTTGCCTGGATGTATT
ACCACATGGGCAGACTGGCAGAAGCCCAGACTTACCTGGACAAGGTGGAGAACA
TTTGCAAGAAGCTTTCAAATCCCTTCCGCTATAGAATGGAGTGTCCAGAAATAGA
CTGTGAGGAAGGATGGGCCTTGCTGAAGTGTGGAGGAAAGAATTATGAACGGGC
CAAGGCCTGCTTTGAAAAGGTGCTTGAAGTGGACCCTGAAAACCCTGAATCCAG
CGCTGGGTATGCGATCTCTGCCTATCGCCTGGATGGCTTTAAATTAGCCACAAAA
AATCACAAGCCATTTTCTTTGCTTCCCCTAAGGCAGGCTGTCCGCTTAAATCCAG
ACAATGGATATATTAAGGTTCTCCTTGCCCTGAAGCTTCAGGATGAAGGACAGGA
AGCTGAAGGAGAAAAGTACATTGAAGAAGCTCTAGCCAACATGTCCTCACAGAC
CTATGTCTTTCGATATGCAGCCAAGTTTTACCGAAGAAAAGGCTCTGTGGATAAA
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AAGACATACATTTCTACTATGGTCGGTTTCAGGAATTTCAAAAGAAATCTGACGT
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AGGGATAAAAGTATCAATTCTTTGAAGAAATTGGTTTTAAGGAAACTTCGGAGA
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GAAATATGAATGAAGCCCTGGAGTACTATGAGCGGGCCCTGAGACTGGCTGCTG

ACTTTGAGAACTCTGTGAGACAAGGTCCTTAGGCACCCAGATATCAGCCACTTTC
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AATATT

5

SEQ ID NO: 212
>1442951T6
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10   TGTTGAAGCAGCAGAGCTGGAGGTGCTGTCAAGAGTCTCAGCAGACTCATTGGC
CAGATGCACCGAACTCAATGAGGCACTTAGAGATGAGAAACGATCTGTACTGGG
ATTTCCCAGCAGAAGAGACTTTGGTTTTTGTCATCCTGAAGTTGCCACTCCACCA
CCAGTTTTATAGAGGGATATTCGCTTTTCACTGGTAGTTTATTCAGGTAGCTATAG
GTCTTGTCTTTTGGATAGGGCAGTTAATTCCACTCTTACAACCATCAGGCTCAGG
15   AATGGGAAAGGGAACTGGGACGCCCATCAGGATGCCATGCACCACGGCCTTGCT
GCTTTTAGACTGAATATTGCTGGTGAAGGTGACATTGACGCTGTAAGACTGTCCT
TTGCTCAGCTGGCAGGGTTTGGTGGGGCATGGGGCTCACATTCACTTCCTTTATA
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20   SEQ ID NO: 213
>gi|2216521|gb|AA486305.1|AA486305 ab35c01.r1 Stratagene HeLa cell s3 937216 Homo
sapiens cDNA clone IMAGE:842784 5' similar to gb:X60036 MITOCHONDRIAL
PHOSPHATE CARRIER PROTEIN PRECURSOR (HUMAN);, mRNA sequence
GTCTTAAGTTGTGGTCTGACACACACTGCTGTGGTTCCCTGGATTTAGTGAAAT
25   GCCGTATGCAGGTGGACCCCCAAAAGTACAAGGGCATATTTAACGGATTCTCAG
TTACACTTAAAGAGGATGGTGTTCGTGGTTTGGCTAAAGGATGGGCTCCGACTTT
CCTTGGCTACTCCATGCAGGGACTCTGCAAGTTTGGCTTTTATGAAGTCTTTAAA
GTCTTGTATAGCAATATGCTTGGAGAGGAGAATACTTATCTCTGGCGCACATCAC
TATATTTGGCTGCCTCTGCCAGTGCTGAATTCTTTGCTGACATTGCCCTGGCTCCT
30   ATGGAAGCTGCTAAGGTTCGAATTCAAACCCAGCCAGGTTATGCCAACACTTTGA
GGGATGCAGCTCCCAAAATGTATAAGGAAGAAGGCCTAAAAGCATTCTACAAGG
GGGTTGCTCCTCTCTGGATGAGACAGATAACATACACCATGATGAAGTTCGCCTG
CTTTG

35   SEQ ID NO: 214
>gi|186620|gb|M59373.1|HUMJTK2 Human tyrosine kinase (JTK2) mRNA, partial cds
ACCGGGACCTGGCTGCCCGCAATGTGCTGGTGACTGAGGACAATGTGATGAAGA
TTGCTGACTTTGGGCTGGCCCGCGGCGTCCACCACATTGACTACTATAAGAAAAC
CAGCAACGGCCGCCTGCCTGTGAAGTGGATGGCGCCCGAGGCCTTGTTTGACCG
40   GGTGTACACACCAGAGTGACGTGTGGTCCTTT

SEQ ID NO: 215
>gi|1527336|gb|AA047666.1|AA047666 zf14b02.s1 Soares_fetal_heart_NbHH19W Homo
sapiens cDNA clone IMAGE:376875 3' similar to gb:M64082 DIMETHYLANILINE
45   MONOOXYGENASE (HUMAN);, mRNA sequence
ATAAGTAAAAGATCTCCTAAATGGAAGATGCACAGAGTAGATTTACAATGCTCC
AATTCCTCTCTTACAGCAATATTGCCTTCACAGTTATAAACTGTATTCAAATAGTA
AAGGTCACCCTCTCGCTTCCCTGGCTGGCCCCAGGGCTACCACTGGTATTCCTGA
GCCTCTCCCAGCTCCACTTCTAATGCTAGAGAATGATAACTAAGATTTCTGTGCA

TTTGAAGGTTGTTGGAAAGTTACAGGTTCATTTTAGAAAGAAANGCTGTTCTTGA
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5   SEQ ID NO: 216
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     GACTACAACGTGGCCCTTCAGAGATCGCGGATGGTCGCACGATCCTCCGACACA
     GCTGGGCCTTCATCCGTACAGCAGCCACATGGGCATCCCACCAGCAGCAGGCCT
10   GTGAACAAACCTCAGTGGCATAAACCGAACGAGTCTGACCCGCGCCTCGCCCCTT
     ATCAGTCCCAAGGGTTTTCCACCGAGGAGGATGAAGATGAACAAGTTTCTGCTGT
     TTGAGGCACAGACTTTTCTGGAAGCAGAGCGNGCCACCTGAAAGGAGAGCACAA
     GAAGACGTCCTGAGCATTGGAGCCTTGGAACTCACATTCTGAGGACGGTGGACC
     AGTTTGCCTCCTTCCCTGCCTTAAAAGCAGCATGGGGCTTCTTCTCCCCTTCTTCC
15   TTTCCCCTTTGCATGTGAAATACTGTGAAGAAATTGCCCTGGCACTTTTCAGACTT
     TGTTGCTTGAAATGCACAGTGCAGCAATCTTCGAGCT

     SEQ ID NO: 217
     >gi|588224|gb|I09069.1| Sequence 5 from Patent WO 8809376
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     CGCGGTGTTCCTGCTGAGCTACGCGGTGCCCTCCTGCGGGCGCTCGGTGGAGGGT
     CTCAGCCGCCGCCTCAAAAGAGCTGTGTCTGAACATCAGCTCCTCCATGACAAGG
     GGAAGTCCATCCAAGATTTACGGCGACGATTCTTCCTTCACCATCTGATCGCAGA
     AATCCACACAGCTGAAATCAGAGCTACCTCGGAGGTGTCCCCTAACTCCAAGCCC
25   TCTCCCAACACAAAGAACCACCCCGTCCGATTTGGGTCTGATGATGAGGGCAGAT
     ACCTAACTCAGGAAACTAACAAGGTGGAGACGTACAAAGAGCAGCCGCTCAAGA
     CACCTGGGAAGAAAAGAAAGGCAAGCCCGGGAAACGCAAGGAGCAGGAAAAG
     AAAAAACGGCGAACTCGCTCTGCCTGGTTAGACTCTGGAGTGACTGGGAGTGGG
     CTAGAAGGGGACCACCTGTCTGACACCTCCACAACGTCGCTGGAGCTCGATTCAC
30   GGAGGCATTGAAATTTTCAGCAGAGACCTTCCAAGGACATATTGCAGGATTCTGT
     AATAGTGAACATATGGAAAGTATTAGAAATATTTATTGTCTGTAAATACTGTAAA
     TGCATTGGAATAAAACTGTCTCCCCATTGCTCTATGAAACTGCACATTGGTCAT
     TGTGAATATTTTTTTTTTGCCAAGGCTAATCCAATTATTATTATCACATTTACCA
     TAATTTATTTTGTCCATTGATGTATTTATTTTGTAAATGTATCTTGGTGCTGCTGA
35   ATTTCTATATTTTTTGTAACATAATGCACTTTAGATATACATATCAAGTATGTTGA
     TAAATGACACAATGAAGTGTCTCTATTTTGTGGTTGATTTTAATGAATGCCTAAA
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     TTGTAAAGAATGTCTAATAAAATATAATCTAATTAC

40   SEQ ID NO: 218
     >gi|182891|gb|M63904.1|HUMGA16 Human G-alpha 16 protein mRNA, complete cds
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     GCAAGGAAGTCTAGGTCCCTGGGGGGTGACCCCCAAGGAAAAGGCAGCCTCCCT
     GCGCACCCGGTTGCCCGGAGCCCTCTCCAGGGCCGGCTGGGCTGGGGGTTGCCCT
45   GGCCAGCAGGGGCCCGGGGGCGATGCCACCCGGTGCCGACTGAGGCCACCGCAC
     CATGGCCCGCTCGCTGACCTGGCGCTGCTGCCCCTGGTGCCTGACGGAGGATGAG
     AAGGCCGCCGCCCGGGTGGACCAGGAGATCAACAGGATCCTCTTGGAGCAGAAG
     AAGCAGGACCGCGGGGAGCTGAAGCTGCTGCTTTTGGGCCCAGGCGAGAGCGGG
     AAGAGCACCTTCATCAAGCAGATGCGGATCATCCACGGCGCCGGCTACTCGGAG

GAGGAGCGCAAGGGCTTCCGGCCCCTGGTCTACCAGAACATCTTCGTGTCCATGC
GGGCCATGATCGAGGCCATGGAGCGGCTGCAGATTCCATTCAGCAGGCCCGAGA
GCAAGCACCACGCTAGCCTGGTCATGAGCCAGGACCCCTATAAAGTGACCACGT
TTGAGAAGCGCTACGCTGCGGCCATGCAGTGGCTGTGGAGGGATGCCGGCATCC

5   GGGCCTGCTATGAGCGTCGGCGGGAATTCCACCTGCTCGATTCAGCCGTGTACTA
CCTGTCCCACCTGGAGCGCATCACCGAGGAGGGCTACGTCCCCACAGCTCAGGA
CGTGCTCCGCAGCCGCATGCCCACCACTGGCATCAACGAGTACTGCTTCTCCGTG
CAGAAAACCAACCTGCGGATCGTGGACGTCGGGGGCCAGAAGTCAGAGCGTAAG
AAATGGATCCATTGTTTCGAGAACGTGATCGCCCTCATCTACCTGGCCTCACTGA

10   GTGAATACGACCAGTGCCTGGAGGAGAACAACCAGGAGAACCGCATGAAGGAG
AGCCTCGCATTGTTTGGGACTATCCTGGAACTACCCTGGTTCAAAAGCACATCCG
TCATCCTCTTTCTCAACAAAACCGACATCCTGGAGGAGAAAATCCCCACCTCCCA
CCTGGCTACCTATTTCCCCAGTTTCCAGGGCCCTAAGCAGGATGCTGAGGCAGCC
AAGAGGTTCATCCTGGACATGTACACGAGGATGTACACCGGGTGCGTGGACGGC

15   CCCGAGGGCAGCAAGAAGGGCGCACGATCCCGACGCCTTTTCAGCCACTACACA
TGTGCCACAGACACACAGAACATCCGCAAGGTCTTCAAGGACGTGCGGGACTCG
GTGCTCGCCCGCTACCTGGACGAGATCAACCTGCTGTGACCCAGGCCCCACCTGG
GGCAGGCGGCACCGGCGGGCGGGTGGGAGGTGGGAGTGGCTGCAGGGACCCTA
GTGTCCTGGTCTATCTCCAGCCTCGGCCCACACGCAAGGGAGTCGGGGGACGG

20   CCCGCTGCTGGCCGCTCTCTTCTGCCTCTCACCAGGACAGCCGCCCCCCAGGG
TACTCCTGCCCTTGCTTGACTCAGTTTCCCTCCTTTGAAAGGGAAGGAGCAAAC
GGCCATTTGGGATGCCAGGGTGGATGAAAAGGTGAAGAAATCAGGGGATTGAGA
CTTGGGTGGGTGGGCATCTCTCAGGAGCCCCATCTCCGGGCGTGTCACCTCCTGG
GCAGGGTTCTGGGACCCTCTGTGGGTGACGCACACCCTGGGATGGGGCTAGTAG

25   AGCCTTCAGGCGCCTTCGGGCGTGGACTCTGGCGCACTCTAGTGGACAGGAGAA
GGAACGCCTTCCAGGAACCTGTGGACTAGGGGTGCAGGGACTTCCCTTTGCAAG
GGGTAACAGACCGCTGGAAAACACTGTCACTTTCAGAGCTCGGTGGCTCACAGC
GTGTCCTGCCCCGGTTTGCGGACGAGAGAAATCGCGGCCCACAAGCATCCCCCAT
CCCTTGCAGGCTGGGGGCTGGGCATGCTGCATCTTAACCTTTTGTATTTATTCCCT

30   CACCTTCTGCAGGGCTCCGTGCGGGCTGAAATTAAAGATTTCTTAG

SEQ ID NO: 219
>gi|1056573|gb|H78484.1|H78484 yu12d08.r1 Soares fetal liver spleen 1NFLS Homo
sapiens cDNA clone IMAGE:233583 5' similar to gb:X59770 INTERLEUKIN-1

35   RECEPTOR, TYPE II PRECURSOR (HUMAN);, mRNA sequence
GGATGGGAGATACTGTTGTGGTCACCTCTGGAAAATACATTCTGCTACTCTTAAA
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AGCTGCTTCTGCCACGTGCTGCTGGGTCTCAGTCCTCCACTTCCCGTGTCCTCTGG
AAGTTGTCAGGAGCAATGTTGCGCTTGTACGTGTTGGTAATGGGAGTTTCTGCCT

40   TCACCCTTCAGCCTGCGGCACACACAGGGGCTGCCAGAAGCTGCCGGTTTCGTGG
GAGGCATTACAAGCGGGAGTTCAGGCTGGAAGGGGAGCCTGTAGCCCTGAGGTG
CCCCCAGGTGCCCTACTGGTTGTGGGCCTCTGTTCAGCCCCCGCATCAACCTNA
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45
SEQ ID NO: 220
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GGGCAAGTCAGAAAGTCAGATGGATATAACTGATATCAACACTCCAAAGCCAAA
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CTCACCATCATAGCTGTGACAATGATC

SEQ ID NO: 221
>gi|759483|gb|R07560.1|R07560 ye97g06.r1 Soares fetal liver spleen 1NFLS Homo sapiens
cDNA clone IMAGE:125722 5' similar to SP:DEOK_HUMAN P27707 DEOXYCYTIDINE
KINASE ;, mRNA sequence
ATGGCCGCGGCACNCTNCTTTCTAAGTCGGCTTCGAGCACCCTTCAGTTCCATGG
CCAAGAGCCCACTCGAGGGCGTTTCCTCCTCCAGAGGCCTGCACGCGGGGCNGG
CCCANANGGCTTCTCCATCGAAGGCAACATTGGCCTGCACTGCCCAAAGTCTTGG
AAACTTGCTGGATATGATGTACCGGGAGCCAGCACGATGGTCCTACACATTCCAG
ACATTTTCCTTTTTGAGCCGCCTGAAAGTACAGCTGGGAGCCCTTCCCTGAGGAA
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SEQ ID NO: 222
>4730434H1
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SEQ ID NO: 223
>gi|815554|gb|R53652.1|R53652 yg84c05.r1 Soares infant brain 1NIB Homo sapiens cDNA
clone IMAGE:40056 5' similar to SP:PGG2_RAT Q00657 CHONDROITIN SULFATE
PROTEOGLYCAN NG2 ;, mRNA sequence
AGGGCGAGGTGGTCTTTGCCTTCACCAACTTCTCCTCCTCTCATGACCACTTCAGA
GTCCTGGCACTGGCTAGGGGTGTCAATGCATCAGCCGTAGTGAACGTCACTGTGA
GGGCTCTGCTGCATGTGTGGGCAGGTGGGCCATGGCCAGNGGTGCCACCCTGCG
CCTGGACCCCACCGTCCTAGATGCTGGCGAGCTGGCCAACCGCACAGGCAGTGT
GCCGCGCTTCCGCCTCCTGGAGGGACCCCGGCATGGCCCGNTGGTCCGCGTGCCC
CGAGCCAGGACGGAGCCCGGGGGAAGCCAGCTGGTGGAGCAGTTCACTNAGCA
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SEQ ID NO: 224
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clone IMAGE:727147 3' similar to gb:S66896 SQUAMOUS CELL CARCINOMA
ANTIGEN (HUMAN);, mRNA sequence
TATGTCACTATTTTATTGATGATGTGTTTTATAGAATCACAAAATTTAGAAACATA
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TTTTCCTCAAGGAGAATTTTTCTGGAAGAAAAGTACATTTATATGTGGGCTTAT
TAAGAGAAAGAGAGAAAGGCATGCTATTTTAATCATTAAATTCTTGATGATGAC
GATCATCATCAAGATGAGAAAGAAAGAAATATGAGCCAAGAGAATCTGTTGTT
GCCAGCAATCAGTTTACCAGAACATCTGCAGGTGAACATTTTCCAAATGGAGTGA

CAGACTAATTGCATCTACGGGGATGAGAATCTGCCATAGAGAGGATGCTGTGGG
CTTATTTTGCTTATGTAGATAGGAAGGGTGATACATGGA

SEQ ID NO: 225
>gi|2432448|gb|AA598776.1|AA598776 ae38a04.s1 Gessler Wilms tumor Homo sapiens
cDNA clone IMAGE:898062 3' similar to TR:G468032 G468032 P55CDC.; mRNA
sequence
AAAAAAAAAACATGAAGGGAGACATGACTTTATTAGAAAAATAAAAAACAACT
GAGGTGATGGGTTGGTCTTCAGCGGATCCTTGGTGGATGAGGCTGCTTTTGGCTG
CACTGGCCTTCTCCCGCTCCCGCCGCCGCGCAGGGTCCAACTCAAAACAGCGCCA
TAGCCTCAGGGTCTCATCTGCTGCTGCGGATGCCACTGTGGCCCCATCTGGGCTC
ATGGTCAGACTCAGGACCCGGGATGTGTGACCTTTGAGTTCAGCCACCTTGGCCA
TGGTTGGGTACTTCCAAATAACTAGCTGATTCTGTGCAAAGCCATGGCCTGAGAT
GAGCTCCTTGTAAGGGGGAGACCAGAGGATGGAGCACACCTGGGAATGGGCATC
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SEQ ID NO: 226
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sapiens cDNA clone IMAGE:759865 3', mRNA sequence
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GACTGATAATATGTTGTAATTACCATTTTATAATATTACTTTCCATTGCAATGACT
TAAAATGAAGAAATAAGAATAGGAATAATTATGCTAACAAATTCACTTTGTTTTC
TGTGCCACTAAATTTCTTTAGGATCAAGAACTCTTTCATATTCAGACATTAAACA
ATATTCAAATAATTTTATAAAATAGACATACAAGTTTACTCATATTAAAAAAACA
AGTTGATTTTCATTTCCTGTA

SEQ ID NO: 227
>gi|3087789|emb|Y14734.1|HSY14734 Homo sapiens mRNA for cathepsin L2
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GCCTCCGCTGTTCCAAAATTTGACCAAAATTTGGATACAAAGTGGTACCAGTGGA
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ACCTGAGAATTCTGTTGCTAATGACACTGGCTTCACAGTGGTCGCACCTGGAAAG
GAGAAGGCCCTGATGAAAGCAGTCGCAACTGTGGGGCCCATCTCCGTTGCTATG
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ACTGCAGCAGCAAAAACCTGGATCATGGTGTTCTGGTGGTTGGCTACGGCTTTGA
AGGAGCAAATTCGAATAACAGCAAGTATTGGCTCGTCAAAAACAGCTGGGGTCC
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TGGAATCGCCACAGCAGCCAGCTACCCCAATGTGTGAGCTGATGGATGGTGAGG
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TAATTCTGTGACATTTTTACAAGGGTAAAATGTTACCACTACTTTAATTATTGTTA
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SEQ ID NO: 228
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cDNA clone IMAGE:197791 5', mRNA sequence
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CAGAGATTACCAGACTTCTGCTAGAGGGAATCAGCAGTACACATGCCCATCACCT
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CAGTATATGTTGGACCTCCAGAAACAACTGGGAAGTTTTCCATCCAATTATCTTA
GTAACAACAATCAGACTTCTGTGACACCTGTACCATCAGTTTTACCAAATGCGAT
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SEQ ID NO: 229
>2723646H1

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CCTGTTCGAGAAGACGCGGCTACTCTGT

SEQ ID NO: 230
>gi|1335871|gb|U46005.1|HSU46005 Human MDC15 mRNA, complete cds
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AGAAGGCCCCGAGGGAGCCCTTGGAGCCCCAGGTCCTTCAGGACGATCTCCCAA
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GCCTGGTGTGTATAGACCATCGATGCCAGCGTGTGGATCTCCTGGGGGCACAGG
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GACCTCCGCAGAGGGCCCTGCTGGCACGAGGCACTAAGTCTCAGGGGCCAGCCA
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cDNA clone IMAGE:753917 5', mRNA sequence
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GGTTGTTCTCAATGAAGAGCAAATTTAAATATTATGTGCATTTGTAAATACAGTA
GCTATAAAATTTTCCATACTTCTAATGGCAGAATACAGGAGGCCATATTAAATAA
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SEQ ID NO: 232
>gi|681270|gb|T70122.1|T70122 yc17c10.r1 Stratagene lung (#937210) Homo sapiens cDNA
clone IMAGE:80946 5' similar to SP:MALK_ECOLI P02914

MALTOSE/MALTODEXTRIN TRANSPORT ATP-BINDING PROTEIN ;, mRNA
sequence
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SEQ ID NO: 236
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SEQ ID NO: 237
>gi|928147|gb|R83270.1|R83270 yp85c04.s1 Soares fetal liver spleen 1NFLS Homo sapiens
cDNA clone IMAGE:194214 3', mRNA sequence
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ANCCATCTCACATTATGANTANTCTACCAAGAAACATTTAAAAAAGAAANCCCTT
TGTTTCTACAGTAGGCTTTAAGTTTATAGTTCTTGGGANTGACTGTATTCCATTGA
AGGACATCTCAGGTAACAGGGAAGGCTGTTTTAGGCAATCCCCATGTGGCAAAT
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ATCATGACATTTNCGAG

SEQ ID NO: 238
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207

TTCTCTGTGGATCCCGGAAGATGCCGCTGACCAGGCTGTACGTGACCATCCTCCT
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5   CTCCTTTAGGCAGCGTCAAAATAGGCAGAACCTGAAGCTGGTTCTCCAGAGGGCT
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10   SEQ ID NO: 240
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PROTEIN ASSOCIATED FACTOR 30 KDA SUBUNIT. [1] ;, mRNA sequence
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15   AGCTGAGCGGCGTGGGGCGGCTCCGGTGTCGGCGGGTGGCGCGGCGCCCCGGA
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SEQ ID NO: 241
>2581223T6
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30   ATACAATCAGCAATAGTGTGGTCAAGTTTCAGCCATGAATATGAACTATACAAG
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35

SEQ ID NO: 242
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clone IMAGE:119530 3', mRNA sequence
ACAATTTGAATTATGAGAGTTCACTTTCAGACGAAGCACCTAACAGGAAATCTCT
40   CAAACACAGAAATGCTGGTTTAGCCACAAGATCAAAGGAAAAGATTGATTTTGT
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TGTGTTTGAAGGGAGTTCTGATGTGGAAACAGCTTGCAGGGTTAAACCTGGATGG
CGCCCCTGTGATCAGACATTGCTCTGTTGTAATAAAAGTGTCCTCAGTNCTCTTTC
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45   AGTAAAATGTGCCAATCTGGGGCTTTNCCGAANCCGGTTCAAACTGACTGAAATC

208

SEQ ID NO: 243
>gi|1220042|gb|N67917.1|N67917 yz52h03.s1 Morton Fetal Cochlea Homo sapiens cDNA
clone IMAGE:286709 3' similar to gb:V01512_rna5 P55-C-FOS PROTO-ONCOGENE
PROTEIN (HUMAN);, mRNA sequence

TTTTTTTCGCATTCAACTTAAATGCTTTTATTGACAATGTCTTGGAACAATAAGCA
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SEQ ID NO: 244
>gi|187354|gb|M69226.1|HUMMAOAAA Human monoamine oxidase (MAOA) mRNA,
complete cds

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ACCTTTGGCTTAATTCCAATCATTGTTAAAGTAAAAACAATTCAAAGAATCACCT
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GTGATGTGCTCATCAGAAAC

5

SEQ ID NO: 245
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sapiens cDNA clone IMAGE:359835 3' similar to gb:M77693 DIAMINE
ACETYLTRANSFERASE (HUMAN);, mRNA sequence

10   TCCTCAGTAGTTTGAACACTTGCTGGCTATTTTTTCTGTCCAAGTTCTCAGTAACT
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TTTCGGCACTTCTGCAACCAGGCAGTGGTAAAAGGGGTGCTCTCCAAAACCATCT
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15   CCAGCTCCTTGATCAGCCGCAGTATGTCACTGCAGTCGGCGGCAGTGGCTGGGCG
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20   SEQ ID NO: 246
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25   GGAGGACATGGACGTGGCCCTCATGGAGCACAGCAACTGCTCGT

SEQ ID NO: 247
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35   SEQ ID NO: 248
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40   TGAAGGTCCTGTGTATTCTTCCTGTGATGAAGGTTGAGAATGAGCGGTATGAAAA
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SEQ ID NO: 249
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cDNA clone IMAGE:251135 3' similar to contains Alu repetitive element;, mRNA sequence
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AGCTGGGACCACAGGTGCCCACCACCACGCCCAGCTAATTTTTTGTACTTTTAGT
AGAGACAGGGTTTTACCGTGTTAGCCAGGATAGTCTCGATCTCCTGACCTCGTGA
GCCGCCCGCCTCGGNCTCCCAAAGTGCTGGGATTACAGGCATGAGCACCGTGCCT
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5   ACTTTTA

SEQ ID NO: 250
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CGGCCACCCTCATTCCTGCGGGCACCCAGCTGGATTGACACTGGACTCTCAGAGA
TGCGCCTGGAGAAGGACAGGTTCTCTGTCAACCTGGATGTGAAGCACTTCTCCCC
AGAGGAGCTCAAGGTCAAAGTGTTGGGTGATGTGATTGAGGTGCACGGCAAACA

15   TGAAGAGCGCCAGGATGAACATGGTTTCATCTCCAGGGAGTTCCACAGGAAATA
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20   SEQ ID NO: 251
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cDNA clone IMAGE:813630 5' similar to gb:M54915 PIM-1 PROTO-ONCOGENE
SERINE/THREONINE-PROTEIN KINASE (HUMAN);, mRNA sequence
AATTCGGCCCGAGGGTCAGAACCCTGCCATGGAACTGTTTCCTTCATCATGAGTT

25   CTGCTGAATGCCGCGATGGGTCAGGTAGGGGGGAAACAGGTTGGGATGGGATAG
GACTAGCACCATTTTAAGTCCCTGTCACCTCTTCCGACTCTTTCTGAGTGCCTTCT
GTGGGGACTCCGGCTGTGCTGGGAGAAATACTTGAACTTGCCTCTTTTACCTGCT
GCTTCTCCAAAAATCTGCCTTGGGTTTTGTTCCCTATTGTTGCTCTCGTGTCTTCCT
TAACCCCCTCCTTCATAATGAAGGGTGCATGGGAGA

30
SEQ ID NO: 252
>gi|2240364|gb|AA504204.1|AA504204 aa59h01.s1 NCI_CGAP_GCB1 Homo sapiens
cDNA clone IMAGE:825265 3', mRNA sequence
TTTTTTAACTCATGTGGTTAACATGGTATTGTATAAAAAGAAAAAAAAAACACCA

35   CTCAATACTTACTAAGCCTTGCAGACAGCTCAGAGTTGAGGCAGCATATTGGGCA
TAGAGATCATAGGATTTGTATTATCCCTTGCAAGATGGAACTCCAACCAACACCA
GAATTTTCCAATTCAAATTCAGTTTTAGTCGAGACCCCAGCATAATTTTTAGAAA
AAAGATTGGATTGTTGCTTTTCTTTTAATTTTCCATTCCTATTTAGACAAATGACC
AGAGGCAATGACAAAGTAACTGTTTAAAAGGGATTTCTCTCCAGAAGTTTTTTC

40   TAAAGGTTTAAGTCCAGGCTTTCCATCCTTCTCTCCATCCTTTTTCATTTTAAAAA
GAAGGGTTTTGGAATATGTCAACCTTTACTCAGCTTGCTATACAAA

SEQ ID NO: 253
>gi|1203432|gb|N59542.1|N59542 yv76d05.s1 Soares fetal liver spleen 1NFLS Homo
45   sapiens cDNA clone IMAGE:248649 3', mRNA sequence
GTGATTGAACAGAGGCAGTGTACTGGAGTTTGGAACCAGAAAGATGAATTACCT
ATTGAAGTGGACCTTGGTAAAAAGTGCTGGTATCACTCTATATTTGCCTGCCCCA
TTCTTCGTCAGCAAACAACAGATAACAATCCACCCATGAAATTGGTCTGTGGTCA
TATTATATCAAGAGATGCCCTGAATAAAATGTTTAATGGTAGCAAATTAAAATGT

CCCTACTGTCCAATGGAACAAAGTCCAGGAGATGCCAAACAGATATTTTTCTGAA
GAGATAACTTTAGTTTGCAATTTGTAAGTGAAACTGAATCGTGGGTGCATTTCAG
AAGAGAACGTTCCATATAATGCAGCTAACCAAGGACTCCTGTGTTTCTATAAGCT
AATGCTCCAGAAACTTTTGCCAACCTGTTAGTGTACACACTGAGGGGAGTGCT
5   CCCGGTGAATATTATCATAGGGCCTTATT

SEQ ID NO: 254
>gi|2432801|gb|AA599176.1|AA599176 ae46c08.s1 Stratagene lung carcinoma 937218
Homo sapiens cDNA clone IMAGE:949934 3', mRNA sequence
10   TTGTAAAGAATTGAATTCTTTATTTGTGATATCCATAAACGTTGCTATTCTCTATT
TCTATCCAGAAAGGCAATTTTCACCTATTATCACTTTTGTTCTTCTCTTATAAACA
ACAACTTGAATGCTATTGCAGGAAAGGGCTACAAATATACATTTGTTAACCAAGC
AGAATACACAGATATTTTGCTTTACAACTTGCACCTAAAATACCAGTATACGTAG
CTGGTTCATTAGTTGTCATAGCAATTTAGGGCTATTGCCAAGCTATGCATAGCAG
15   TTTACATTTTCAAACCTCATATAGAAAGGGCTATTGTGATATGAACTGGCAACTA
CATTCCTGTGAAGCCCATCTCAGTTACAAGCAAATGTGTTAACTTCCAATTCTGC
AAAGAATTTTGATGGCAAAACTTCCAAATCTGATGCAATTGTCTTAAGCAAGTTT
TTAAACAAATTGTTTCGCAGCTACTCTGCCATTCTGCCAGTAGATGGTGCT

20   SEQ ID NO: 255
>gi|659863|gb|T58002.1|T58002 yb19g05.r1 Stratagene fetal spleen (#937205) Homo sapiens
cDNA clone IMAGE:71672 5' similar to similar to gb:J04058 ELECTRON TRANSFER
FLAVOPROTEIN ALPHA-SUBUNIT (HUMAN), mRNA sequence
TGGTATCTGGTGGTCGAGGCTTGAAGAGTGGAGAGAACTTTAAGTTGTTATATGA
25   CTTGGCAGATCAACTACATGCTGCAGTTGGTGCTTCCCGTGCTGCTGTTGATGCT
GGCTTTGTTCCCAATGACATGCAAGTTGGACAGACGGGAAAAATAGTAGCACCA
GAACTTTATATTGCTGTTGGAATATCTGGGAGCCATCCAACATTTAGCTGGGGAT
GAAAGACAGCAAGACAATTGTGGCCAATTAATAAAGACCCAGAAGCTCCCAATT
TTCCCAAGTNGCCAGATTATGGGATTAGTTGCAGGTTTATTTTAAGGTAGTTCCCT
30   GGAANTGACTTGAGGTATT

SEQ ID NO: 256
>gi|182666|gb|M76672.1|HUMFMLPX Human FMLP-related receptor II (FMLP R II)
mRNA, complete cds
35   ATGGAAACCAACTTCTCCACTCCTCTGAATGAATATGAAGAAGTGTCCTATGAGT
CTGCTGGCTACACTGTTCTGCGGATCCTCCCATTGGTGGTGCTTGGGGTCACCTTT
GTCCTCGGGGTCCTGGGCAATGGGCTTGTGATCTGGGTGGCTGGATTCCGGATGA
CACGCACAGTCACCACCATCTGTTACCTGAACCTGGCCCTGGCTGACTTTTCTTTC
ACGGCCACATTACCATTCCTCATTGTCTCCATGGCCATGGGAGAAAAATGGCCTT
40   TTGGCTGGTTCCTGTGTAAGTTAATTCACATCGTGGTGGACATCAACCTCTTTGGA
AGTGTCTTCTTGATTGGTTTCATTGCACTGGACCGCTGCATTTGTGTCCTGCATCC
AGTCTGGGCCCAGAACCACCGCACTGTGAGTCTGGCCATGAAGGTGATCGTCGG
ACCTTGGATTCTTGCTCTAGTCCTTACCTTGCCAGTTTTCCTCTTTTTGACTACAGT
AACTATTCCAAATGGGGACACATACTGTACTTTCAACTTTGCATCCTGGGGTGGC
45   ACCCCTGAGGAGAGGCTGAAGGTGGCCATTACCATGCTGACAGCCAGAGGGATT
ATCCGGTTTGTCATTGGCTTTAGCTTGCCGATGTCCATTGTTGCCATCTGCTATGG
GCTCATTGCAGCCAAGATCCACAAAAAGGGCATGATTAAATCCAGCCGTCCCTTA
CGGGTCCTCACTGCTGTGGTGGCTTCTTTCTTCATCTGTTGGTTTCCCTTTCAACTG
GTTGCCCTTCTGGGCACCGTCTGGCTCAAAGAGATGTTGTTCTATGGCAAGTACA

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AAATCATTGACATCCTGGTTAACCCAACGAGCTCCCTGGCCTTCTTCAACAGCTG
CCTCAACCCCATGCTTTACGTCTTTGTGGGCCAAGACTTCCGAGAGAGACTGATC
CACTCCCTGCCCACCAGTCTGGAGAGGGCCCTGTCTGAGGACTCAGCCCCAACTA
ATGACACGGCTGCCAATTGTGCTTCACCTCCTGCAGAGACTGAGTTACAGGCAAT
5   GTGAGG

SEQ ID NO: 257
>gi|1047029|gb|H73961.1|H73961 yu04e02.s1 Soares fetal liver spleen 1NFLS Homo
sapiens cDNA clone IMAGE:232826 3', mRNA sequence
10   TATGTTAGAAATTNCTTTATTATTACTTATCCTTATTAAGCGCCANNTTNAATGCT
GCAGAAAATTTCAAATCACCCTTGATAACCCACTTNCTTTCCTCCCACCCAAATN
CTTGANCAAGAGTTTTTCAAGTAAAGACATGCTCTTCTCTCCTGTATAAAACTT
TACGAAATAAAGGCAAAGATTGTGTACATCTTGCTGGGAAAATGCTGCCCGGG
GCTCTGGGAGACGGTGGGCTGCCCGGGCTCCCTTCACTGTCCGGGTCCTGAAAGG
15   ACTCTTGTTCATGGAACTGTCTCTTCACAAAGGCAAGGTCCACCACTTGCTGGGG
GTTTATCATTCTGAGGGGTCGGAAAACTTTTCTCACAAGGTCTCAGGTCCAGTCT
CTTGGCCTTAGGCTGTTGTAAAAGGGGTTTTCATCANTTCANCTTCCCTTTGTTTG
GAGGGTTGGGGATAANTGGGGTTAGGGGGGGNAACGGGGGTTTNGGGGGTTGG
GGGAATTAG
20

SEQ ID NO: 258
>gi|1477389|gb|L76631.1|HUMMGLUB Homo sapiens metabotropic glutamate receptor 1
beta (mGluR1beta) mRNA, complete cds
GCGCAGGTACTCAGGTATGTCTCAAGTCCATGTCCTCCAAACAGACTCAGCATCT
25   AGCTCACCGCTGCCAACACGACTTCCACTGTACTCTTGATCAATTTACCTTGATGC
ACTACCGGTGAAGAACGGGGACTCGAATTCCCTTACAAACGCCTCCAGCTTGTAG
AGGCGGTCGTGGAGGACCCAGAGGAGGAGACGAAGGGGAAGGAGGCGGTGGTG
GAGGAGGCAAAGGCCTTGGACGACCATTGTTGGCGAGGGGCACCACTCCGGGAG
AGGCGGCGCTGGGCGTCTTGGGGGTGCGCGCCGGGAGCCTGCAGCGGGACCAGC
30   GTGGGAACGCGGCTGGCAGGCTGTGGACCTCGTCCTCACCACCATGGTCGGGCTC
CTTTTGTTTTTTTTTCCCAGCGATCTTTTTGGAGGTGTCCCTTCTCCCCAGAAGCCCC
GGCAGGAAAGTGTTGCTGGCAGGAGCGTCGTCTCAGCGCTCGGTGGCCAGAATG
GACGGAGATGTCATCATTGGAGCCCTCTTCTCAGTCCATCACCAGCCTCCGGCCG
AGAAAGTGCCCGAGAGGAAGTGTGGGGAGATCAGGGAGCAGTATGGCATCCAG
35   AGGGTGGAGGCCATGTTCCACGTTGGATAAGATCAACGCGGACCCGGTCCTC
CTGCCCAACATCACCCTGGGCAGTGAGATCCGGGACTCCTGCTGGCACTCTTCCG
TGGCTCTGGAACAGAGCATTGAGTTCATTAGGGACTCTCTGATTTCCATTCGAGA
TGAGAAGGATGGGATCAACCGGTGTCTGCCTGACGGCCAGTCCCTCCCCCCAGG
CAGGACTAAGAAGCCCATTGCGGGAGTGATCGGTCCCGGCTCCAGCTCTGTAGC
40   CATTCAAGTGCAGAACCTGCTCCAGCTCTTCGACATCCCCCAGATCGCTTATTCA
GCCACAAGCATCGACCTGAGTGACAAAACTTTGTACAAATACTTCCTGAGGGTTG
TCCCTTCTGACACTTTGCAGGCAAGGGCCATGCTTGACATAGTCAAACGTTACAA
TTGGACCTATGTCTCTGCAGTCCACACGGAAGGGAATTATGGGGAGAGCGGAAT
GGACGCTTTCAAAGAGCTGGCTGCCCAGGAAGGCCTCTGTATCGCCCATTCTGAC
45   AAAATCTACAGCAACGCTGGGGAGAAGAGCTTTGACCGACTCTTGCGCAAACTC
CGAGAGAGGCTTCCCAAGGCTAGAGTGGTGGTCTGCTTCTGTGAAGGCATGACA
GTGCGAGGACTCCTGAGCGCCATGCGGCGCCTTGGCGTCGTGGGCGAGTTCTCAC
TCATTGGAAGTGATGGATGGGCAGACAGAGATGAAGTCATTGAAGGTTATGAGG
TGGAAGCCAACGGGGGAATCACGATAAAGCTGCAGTCTCCAGAGGTCAGGTCAT

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TTGATGATTATTTCCTGAAACTGAGGCTGGACACTAACACGAGGAATCCCTGGTT
CCCTGAGTTCTGGCAACATCGGTTCCAGTGCCGCCTTCCAGGACACCTTCTGGAA
AATCCCAACTTTAAACGAATCTGCACAGGCAATGAAAGCTTAGAAGAAACTAT
GTCCAGGACAGTAAGATGGGGTTTGTCATCAATGCCATCTATGCCATGGCACATG

5   GGCTGCAGAACATGCACCATGCCCTCTGCCCTGGCCACGTGGGCCTCTGCGATGC
CATGAAGCCCATCGACGGCAGCAAGCTGCTGGACTTCCTCATCAAGTCCTCATTC
ATTGGAGTATCTGGAGAGGAGGTGTGGTTTGATGAGAAAGGAGACGCTCCTGGA
AGGTATGATATCATGAATCTGCAGTACACTGAAGCTAATCGCTATGACTATGTGC
ACGTTGGAACCTGGCATGAAGGAGTGCTGAACATTGATGATTACAAAATCCAGA

10   TGAACAAGAGTGGAGTGGTGCGGTCTGTGTGCAGTGAGCCTTGCTTAAAGGGCC
AGATTAAGGTTATACGGAAAGGAGAAGTGAGCTGCTGCTGGATTTGCACGGCCT
GCAAAGAGAATGAATATGTGCAAGATGAGTTCACCTGCAAAGCTTGTGACTTGG
GATGGTGGCCCAATGCAGATCTAACAGGCTGTGAGCCCATTCCTGTGCGCTATCT
TGAGTGGAGCAACATCGAATCCATTATAGCCATCGCCTTTTCATGCCTGGGAATC

15   CTTGTTACCTTGTTTGTCACCCTAATCTTTGTACTGTACCGGGACACACCAGTGGT
CAAATCCTCCAGTCGGGAGCTCTGCTACATCATCCTAGCTGGCATCTTCCTTGGTT
ATGTGTGCCCATTCACTCTCATTGCCAAACCTACTACCACCTCCTGCTACCTCCAG
CGCCTCTTGGTTGGCCTCTCCTCTGCGATGTGCTACTCTGCTTTAGTGACTAAAAC
CAATCGTATTGCACGCATCCTGGCTGGCAGCAAGAAGAAGATCTGCACCCGGAA

20   GCCCAGGTTCATGAGTGCCTGGGCTCAGGTGATCATTGCCTCAATTCTGATTAGT
GTGCAACTAACCCTGGTGGTAACCCTGATCATCATGGAACCCCCTATGCCCATTC
TGTCCTACCCAAGTATCAAGGAAGTCTACCTTATCTGCAATACCAGCAACCTGGG
TGTGGTGGCCCCTTTGGGCTACAATGGACTCCTCATCATGAGCTGTACCACTAT
GCCTTCAAGACCCGCAACGTGCCGGCCAACTTCAACGAGGCCAAATATATCGCGT

25   TCACCATGTACACCACCTGTATCATCTGGCTAGCTTTTGTGCCCATTTACTTTGGG
AGCAACTACAAGATCATCACAACTTGCTTTGCAGTGAGTCTCAGTGTAACAGTGG
CTCTGGGGTGCATGTTCACTCCCAAGATGTACATCATTATTGCCAAGCCTGAGAG
GAATGTCCGCAGTGCCTTCACCACCTCTGATGTTGTCCGCATGCATGTTGGCGAT
GGCAAGCTGCCCTGCCGCTCCAACACTTTCCTCAACATCTTCCGAAGAAAGAAGG

30   CAGGGGCAGGGAATGCCAAGAAGAGGCAGCCAGAATTCTCGCCCACCAGCCAAT
GTCCGTCGGCACATGTGCAGCTTTGAAAACCCCCACACTGCAGTGAATGTTTCTA
ATGGCAAGTCTGTGTCATGGTCTGAACCAGGTGGAGGACAGGTGCCCAAGGGAC
AGCATATGTGGCACCGCCTCTCTGTGCACGTGAAGACCAATGAGACGGCCTGCA
ACCAAACAGCCGTCATCAAACCCCTCACTAAAGTTACCAAGGCTCTGGCAAGA

35   GCCTGACCTTTTC

SEQ ID NO: 259
>gi|1374674|gb|L78207.1|HUMSUR1RNA Homo sapiens sulfonylurea receptor (SUR1)
mRNA, complete cds

40   GCCAGCTGAGCCCGAGCCCAGACCGCGCCCGCGCCGCCATGCCCCTGGCCTTCTG
CGGCAGCGAGAACCACTCGGCCGCCTACCGGGTGGACCAGGGGGTCCTCAACAA
CGGCTGCTTTGTGGACGTCCTCAACGTGGTGCCGCACGTCTTCCTACTCTTCATCA
CCTTCCCCATCCTCTTCATTGGATGGGGAAGTCAGAGCTCCAAGGTGCACATCCA
CCACAGCACATGGCTTCATTTCCCTGGGCACAACCTGCGGTGGATCCTGACCTTC

45   ATGCTGCTCTTCGTCCTGGTGTGTGAGATTGCAGAGGGCATCCTGTCTGATGGGG
TGACCGAATCCCACCATCTGCACCTGTACATGCCAGCCGGGATGGCGTTCATGGC
TGCTGTCACCTCCGTGGTCTACTATCACAACATCGAGACTTCCAACTTCCCCAAG
CTGCTAATTGCCCTGCTGGTGTATTGGACCCTGGCCTTCATCACCAAGACCATCA
AGTTTGTCAAGTTCTTGGACCACGCCATCGCGTTCTCGCAGGTACGCTTCTGCCTC

ACAGGGCTGCTGGTGATCCTCTATGGGATGCTGCTCCTCGTGGAGGTCAATGTCA
TCAGGGTGAGGAGATACATCTTCTTCAAGACACCGAGGGAGGTGAAGCCTCCCG
AGGACCTGCAAGACCTGGGGGGTACGCTTCCTGCAGCCCTTCGTGAATCTGCTGTC
CAAAGGCACCTACTGGTGGATGAACGCCTTCATCAAGACTGCCCACAAGAAGCC

5 CATCGACTTGCGAGCCATCGGGAAGCTGCCCATCGCCATGAGGGCCCTCACCAA
CTACCAACGGCTCTGCGAGGCCTTTGACGCCCAGGTGCGGAAGGACATTCAGGG
CACTCAAGGTGCCCGGGCCATCTGGCAGGCACTCAGCCATGCCTTCGGGAGGCG
CCTGGTCCTCAGCAGCACTTTCCGCATCTTGGCCGACCTGCTGGGCTTCGCCGGG
CCACTGTGCATCTTTGGGATCGTGGACCACCTTGGGAAGGAGAACGACGTCTTCC

10 AGCCCAAGACACAATTTCTCGGGGTTTACTTTGTCTCATCCCAAGAGTTCCTTGCC
AATGCCTACGTCTTAGCTGTGCTTCTGTTCCTTGCCCTCCTACTGCAAAGGACATT
TCTGCAAGCATCCTACTATGTGGCCATTGAAACTGGAATTAACTTGAGAGGAGCA
ATACAGACCAAGATTTACAATAAAATTATGCACCTGTCCACCTCCAACCTGTCCA
TGGGAGAAATGACTGCTGGACAGATCTGTAATCTGGTTGCCATCGACACCAATCA

15 GCTCATGTGGTTTTTCTTCTTGTGCCCAAACCTCTGGGCTATGCCAGTACAGATCA
TTGTGGGTGTGATTCTCCTCTACTACATACTCGGAGTCAGTGCCTTAATTGGAGC
AGCTGTCATCATTCTACTGGCTCCTGTCCAGTACTTCGTGGCCACCAAGCTGTCTC
AGGCCCAGCGGACGACACTGGAGTATTCCAATGAGCGGCTGAAGCAGACCAACG
AGATGCTCCGCGGCATCAAGCTGCTGAAGCTGTACGCCTGGGAGAACATCTTCCG

20 CACGCGGGTGGAGACGACCCGCAGGAAGGAGATGACCAGCCTCAGGGCCTTTGC
CATCTATACCTCCATCTCCATTTTCATGAACACGGCCATCCCCATTGCAGCTGTCC
TCATAACTTTCGTGGGCCATGTCAGCTTCTTCAAAGAGGCCGACTTCTCGCCCTCC
GTGGCCTTTGCCTCCCTCTCCCTCTTCCATATCTTGGTCACACCGCTGTTCCTGCT
GTCCAGTGTGGTCCGATCTACCGTCAAAGCTCTAGTGAGCGTGCAAAAGCTAAGC

25 GAGTTCCTGTCCAGTGCAGAGATCCGTGAGGAGCAGTGTGCCCCCATGAGCCC
ACACCTCAGGGCCCAGCCAGCAAGTACCAGGCGGTGCCCCTCAGGGTTGTGAAC
CGCAAGCGTCCAGCCCGGGAGGATTGTCGGGGCCTCACCGGCCCACTGCAGAGC
CTGGTCCCCAGTGCAGATGGCGATGCTGACAACTGCTGTGTCCAGATCATGGGAG
GCTACTTCACGTGGACCCCAGATGGAATCCCCACACTGTCCAACATCACCATTCG

30 TATCCCCCGAGGCCAGCTGACTATGATCGTGGGGCAGGTGGGCTGCGGCAAGTC
CTCGCTCCTTCTAGCCGCACTGGGGGAGATGCAGAAGGTCTCAGGGGCTGTCTTC
TGGAGCAGCCTTCCTGACAGCGAGATAGGAGAGGACCCCAGCCCAGAGCGGGAG
ACAGCGACCGACTTGGATATCAGGAAGAGAGGCCCCGTGGCCTATGCTTCGCAG
AAACCATGGCTGCTAAATGCCACTGTGGAGGAGAACATCATCTTTGAGAGTCCCT

35 TCAACAAACAACGGTACAAGATGGTCATTGAAGCCTGCTCTCTGCAGCCAGACA
TCGACATCCTGCCCCATGGAGACCAGACCCAGATTGGGGAACGGGGCATCAACC
TGTCTGGTGGTCAACGCCAGCGAATCAGTGTGGCCCGAGCCCTCTACCAGCACGC
CAACGTTGTCTTCTTGGATGACCCCTTCTCAGCTCTGGATATCCATCTGAGTGACC
ACTTAATGCAGGCCGGCATCCTTGAGCTGCTCCGGGACGACAAGAGGACAGTGG

40 TCTTAGTGACCCACAAGCTACAGTACCTGCCCCATGCAGACTGGATCATTGCCAT
GAAGGATGGCACCATCCAGAGGGAGGGTACCCTCAAGGACTTCCAGAGGTCTGA
ATGCCAGCTCTTTGAGCACTGGAAGACCCTCATGAACCGACAGGACCAAGAGCT
GGAGAAGGAGACTGTCACAGAGAGAAAGCCACAGAGCCACCCAGGGCCTAT
CTCGTGCCATGTCCTCGAGGGATGGCCTTCTGCAGGATGAGGAAGAGGAGGAAG

45 AGGAGGCAGCTGAGAGCGAGGAGGATGACAACCTGTCGTCCATGCTGCACCAGC
GTGCTGAGATCCCATGGCGAGCCTGCGCCAAGTACCTGTCCTCCGCCGGCATCCT
GCTCCTGTCGTTGCTGGTCTTCTCACAGCTGCTCAAGCACATGGTCCTGGTGGCC
ATCGACTACTGGCTGGCCAAGTGGACCGACAGCGCCCTGACCCTGACCCCTGCA
GCCAGGAACTGCTCCCTCAGCCAGGAGTGCACCCTCGACCAGACTGTCTATGCCA

215

TGGTGTTCACGGCTGTCTGCAGCCTGGGCATTGTGCTGTGCCTCGTCACGTCTGTC
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AACCGGATCATCCTAGCCCCCATGAGGTTTTTTGAGACCACGCCCCTTGGGAGCA
TCCTGAACAGATTTTCATCTGACTGTAACACCATCGACCAGCACATCCCATCCAC
5   GCTGGAGTGCCTGAGCCGCTCCACCCTGCTCTGTGTCTCAGCCCTGGCCGTCATC
TCCTATGTCACACCTGTGTTCCTCGTGGCCCTCTTGCCCCTGGCCATCGTGTGCTA
CTTCATCCAGAAGTACTTCCGGGTGGCGTCCAGGGACCTGCAGCAGCTGGATGAC
ACCACCCAGCTTCCACTTCTCTCACACTTTGCCGAAACCGTAGAAGGACTCACCA
CCATCCGGGCCTTCAGGTATGAGGCCCGGTTCCAGCAGAAGCTTCTCGAATACAC
10   AGACTCCAACAACATTGCTTCCCTCTTCCTCACAGCTGCCAACAGATGGCTGGAA
GTCCGAATGGAGTACATCGGTGCATGTGTGGTGCTCATCGCAGCGGTGACCTCCA
TCTCCAACTCCCTGCACAGGGAGCTCTCTGCTGGCCTGGTGGGCCTGGGCCTTAC
CTACGCCCTAATGGTCTCCAACTACCTCAACTGGATGGTGAGGAACCTGGCAGAC
ATGGAGCTCCAGCTGGGGGCTGTGAAGCGCATCCATGGGCTCCTGAAAACCGAG
15   GCAGAGAGCTACGAGGGACTCCTGGCACCATCGCTGATCCCAAAGAACTGGCCA
GACCAAGGGAAGATCCAGATCCAGAACCTGAGCGTGCGCTACGACAGCTCCCTG
AAGCCGGTGCTGAAGCACGTCAATGCCCTCATCTCCCTGGACAGAAGATCGGG
ATCTGCGGCCGCACCGGCAGTGGGAAGTCCTCCTTCTCTCTTGCCTTCTTCCGCAT
GGTGGACACGTTCGAAGGGCACATCATCATTGATGGCATTGACATCGCCAAACT
20   GCCGCTGCACACCCTGCGCTCACGCCTCTCCATCATCCTGCAGGACCCCGTCCTC
TTCAGCGGCACCATCCGATTTAACCTGGACCCTGAGAGGAAGTGCTCAGATAGC
ACACTGTGGGAGGCCCTGGAAATCGCCCAGCTGAAGCTGGTGGTGAAGGCACTG
CCAGGAGGCCTCGATGCCATCATCACAGAAGGCGGGGAGAATTTCAGCCAGGGA
CAGAGGCAGCTGTTCTGCCTGGCCCGGGCCTTCGTGAGGAAGACCAGCATCTTCA
25   TCATGGACGAGGCCACGGCTTCCATTGACATGGCCACGGAAAACATCCTCCAAA
AGGTGGTGATGACAGCCTTCGCAGACCGCACTGTGGTCACCATCGCGCATCGAGT
GCACACCATCCTGAGTGCAGACCTGGTGATCGTCCTGAAGCGGGGTGCCATCCTT
GAGTTCGATAAGCCAGAGAAGCTGCTCAGCCGGAAGGACAGCGTCTTCGCCTCC
TTCGTCCGTGCAGACAAGTGACCTGCCAGAGCCCAAGTGCCATCCCACATTCGGA
30   CCCTGCCCATACCCTGCCTGGGTTTTCTAACTGTAAATCACTTGTAAATAAATA
GATTTGATTATTTCCTAAA

SEQ ID NO: 260
>2211267F6
35   GAAAGAAACAGATAACACCAAACCAAACCCCGTAGCTCCATATTGGACATCCCC
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CAAATGCCCTTCCAGTGGGACCCCAAACCCCACACTGCGCTGGTTGAAAAATGG
CAAAGAATTCAAACCTGACCACAGAATTGGAGGCTACAAGGTCCGTTATGCCAC
CTGGAGCATCATAATGGACTCTGTGGTGCCCTCTGACAAGGGCAACTACACCTGC
40   ATTGTGGAGAATGAGTACGGCAGCATCAACCACACATACCAGCTGGATGTCGTG
GAGCGGTCCCTCACCGGCCCATCCTGCAAGCAGGGTTGCCCGCCAACAAAACA
GTGGCCTGGGTAGCAACGTGGAGTTCATGTGTAAGGTGTACAGTGACCCGCAGC
CGCACATCCAGTGGCTAAAGCACATCGAGGTGAATGGGAGCAAGATTGGCCCAG
ACAACCTGCTTATGTC
45

SEQ ID NO: 261
>gi|186287|gb|M54933.1|HUMIL1C Human monocyte interleukin mRNA, complete cds
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CCAATCTTCAATGCTCAAGTGTCTGAAGCAGCCATGGCAGAAGTACCTAAGCTCG

216

CCAGTGAAATGATGGCTTATTACAGTGGCAATGAGCATGACTTGTTCTTTGAAGC
TGATGGCCCTAAACAGATGAAGTGCTCCTTCCAGGACCTGGACCTCTGCCCTCTG
GATGGCGGCATCCAGCTACGAATCTCCGACCACCACTACAGCAAGGGCTTCAGG
CAGGCCGCGTCAGTTGTTGTGGCCATGGACAAGCTGAGGAAGATGCTGGTTCCCT
5   GCCCACAGACCTTCCAGGAGAATGACCTGAGCACCTTCTTTCCCTTCATCTTTGA
AGAAGAACCTATCTTCTTCGACACATGGGATAACCAGGCTTATGTGCACGATGCA
CCTGTACGATCACTGAACTGCACGCTCCGGGACTCACAGCAAAAAAGCTTGGTG
ATGTCTGGTCCATATGAACTGAAAGCTCTCCACCTCCAGGGACAGGATATGGAGC
AACAAGTGGTGTTCTCCATGTCCTTTGTACAAGGAGAAGAAGTAATGACAAAA
10   TACCTGTGGCCTTGGCCCTCAAGGAAAAGAATCTGTACCTGTCCTGCGTGTTGAA
AGATGATAAGCCCACTCTACAGCTGGAGAGTGTAGATCCCAAAAATTACCCAAA
GAAGAAGATGGAAAAGCCATTTGTGTTCAACAAGATAGAAATCAATAACAAGCT
GGAATTTGAGTCTGCCCAGTTCCCCAACTGGTACATCAGCACCTCTCAAGCAGAA
AACATGCCCGTCTTCCTGGGAGGGACCAAAGGCGGCCAGGATATAACTGACTTC
15   ACCATGCAATTTGTGTCTTCCTAAAGAGAGCTGTACCCAGAGAGTCCTGTGCTGA
ATGTGGACTCAATCCCTAGGGCTGGCAGAAAGGGAACAGAAAGGTTTTCAGTA
CGGCTATAGCCTGGACTTTCCTGTTGTCTACACCAATGCCCAACTGCCTGCCTTAG
GGTAGTGCTAAGAGGATCTCCTGTCCATCAGCCAGGACAGTCAGCTCTCTCCTTT
CAGGCCAATCCCAGCCCTTTTGTTGAGCCAGGCCTCTCTCACCTCTCCTACTCACT
20   TAAAGCCCGCCTCACAGAAACCAGGCCACATTTTGGTTCTAAGAAACCCTCCTCT
CTCATTCGCTCCCACATTCTGATGAGCAACCGCTTCCCTATTTATTTATTTATTTGT
TTGTTTGTTTTGATTCATTGGTCTAATTTATTCAAAGGGGGCAAGAAGTAGCAGT
GTCTGTAAAAGAGCCTAGTTTTTAATAGCTATGGAATCAATTCAATTTGGACTGG
TGTGCTCTCTTTAAATCAAGTCCTTTAATTAAGACTGAAAATATATAAGCTCAGA
25   TTATTTAAATGGAATATTTATAAATGAGCAAATATCATACTGTTCAATGGTTCT
CAAATAAACTTCACT

SEQ ID NO: 262
>gi|2056756|gb|AA402960.1|AA402960 zu54d12.s1 Soares ovary tumor NbHOT Homo
30   sapiens cDNA clone IMAGE:741815 3', mRNA sequence
TTTTTTTTTTTTTATATTTCACCTTTTTTATTGAATTTGTATTAAAGGAGGTAGTGAG
GGGGCGGAACGACTTAAGAGTCAGAATCCATATTAGACTCTGGGGAGTGAAAAA
TTAAATTAAATCAGTAAGATGGGGAGTGGGGGAAGAGTCAGAGGGAACTTTGCC
CACCTTTGAAGATCAAATCAAGAAATCAGGGAAAGCAAAGACTTAGGAGAGGA
35   GAAAGACATTCTCTCAATCCATCCTCCTTCCCCAGGGCAGAGAATTAAACAACGT
TACTGAGTGAGCCTCTG

SEQ ID NO: 263
>gi|285960|dbj|D14695.1|HUMORF12 Human mRNA for KIAA0025 gene, complete cds
40   CGTGAACGGTCGTTGCAGAGATTGCGGGCGGCTGAGACGCCGCCTGCCTGGCAC
CTAGGAGCGCAGCGGAGCCCCGACACCGCCGCCGCCATGGAGTCCGAGACC
GAACCCGAGCCCGTCACGCTCCTGGTGAAGAGCCCCAACCAGCGCCACCGCGAC
TTGGAGCTGAGTGGCGACCGCGGCTGGAGTGTGGGCCACCTCAAGGCCCACCTG
AGCCGCGTCTACCCCGAGCGTCCGCGTCCAGAGGACCAGAGGTTAATTTATTCTG
45   GGAAGCTGTTGTTGGATCACCAATGTCTCAGGGACTTGCTTCCAAAGCAGGAAA
AACGGCATGTTTTGCATCTGGTGTGCAATGTGAAGAGTCCTTCAAAAATGCCAGA
AATCAACGCCAAGGTGGCTGAATCCACAGAGGAGCCTGCTGGTTCTAATCGGGG
ACAGTATCCTGAGGATTCCTCAAGTGATGGTTTAAGGCAAAGGGAAGTTCTTCGG
AACCTTTCTTCCCCTGGATGGGAAAACATCTCAAGGCCTGAAGCTGCCCAGCAGG

CATTCCAAGGCCTGGGTCCTGGTTTCTCCGGTTACACACCCTATGGGTGGCTTCA
GCTTTCCTGGTTCCAGCAGATATATGCACGACAGTACTACATGCAATATTTAGCA
GCCACTGCTGCATCAGGGGCTTTTGTTCCACCACCAAGTGCACAAGAGATACCTG
TGGTCTCTGCACCTGCTCCAGCCCCTATTCACAACCAGTTTCCAGCTGAAAACCA
GCCTGCCAATCAGAATGCTGCTCCTCAAGTGGTTGTTAATCCTGGAGCCAATCAA
AATTTGCGGATGAATGCACAAGGTGGCCCTATTGTGGAAGAAGATGATGAAATA
AATCGAGATTGGTTGGATTGGACCTATTCAGCAGCTACATTTTCTGTTTTTCTCAG
TATCCTCTACTTCTACTCCTCCCTGAGCAGATTCCTCATGGTCATGGGGGCCACCG
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SEQ ID NO: 264
>gi|1004270|emb|X87159.1|HSSCNN1B H.sapiens mRNA for beta subunit of epithelial amiloride-sensitive sodium channel
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SEQ ID NO: 265
>gi|1408187|gb|U59167.1|HSU59167 Human desmin mRNA, complete cds
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SEQ ID NO: 266
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SEQ ID NO: 267
>gi|347522|gb|L22206.1|HUMV2R Human vasopressin receptor V2 gene, complete cds
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SEQ ID NO: 268
>gi|28720|emb|X06989.1|HSAPA4R Human mRNA for amyloid A4(751) protein
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SEQ ID NO: 270
>gi|179579|gb|M17017.1|HUMBTLP Human beta-thromboglobulin-like protein mRNA,
complete cds
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SEQ ID NO: 271
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mRNA, complete cds
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SEQ ID NO: 277
>463614H1
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SEQ ID NO: 278
>gi|31298|emb|Y00318.1|HSFACI Human mRNA for complement control protein factor I
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10

SEQ ID NO: 279
>gi|181244|gb|M64349.1|HUMCYCD1 Human cyclin D (cyclin D1) mRNA, complete cds
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GTCCTACTACCGCCTCACACGCTTCCTCTCCAGAGTGATCAAGTGTGACCCAGAC
TGCCTCCGGGCCTGCCAGGAGCAGATCGAAGCCCTGCTGGAGTCAAGCCTGCGC
30   CAGGCCCAGCAGAACATGGACCCCAAGGCCGCCGAGGAGGAGGAAGAGGAGGA
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SEQ ID NO: 280
40   >gi|3004498|gb|U04357.1|HSU04357 Homo sapiens arginine vasopressin receptor type II,
V2 antidiuretic hormone receptor (AVPR2) gene, complete cds
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TCA

SEQ ID NO: 281
>4161733H1
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SEQ ID NO: 282
>gi|183866|gb|M60278.1|HUMHBEGF Human heparin-binding EGF-like growth factor
mRNA, complete cds
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SEQ ID NO: 283
>gi|35039|emb|X61498.1|HSNFKBS H.sapiens mRNA for NF-kB subunit
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SEQ ID NO: 284
>gi|183537|gb|M37724.1|HUMGPLEU02 Human MDR1/P-glycoprotein gene, exon 7
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SEQ ID NO: 288
>gi|181075|gb|M28638.1|HUMCRYABA Human alpha-B-crystallin gene, 5' end
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231

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SEQ ID NO: 291
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SEQ ID NO: 293
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SEQ ID NO: 296
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SEQ ID NO: 297
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(HUMAN);, mRNA sequence

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SEQ ID NO: 299
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PROTEASOME COMPONENT MECL-1 PRECURSOR ;, mRNA sequence
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CGGTGCTCTTGGTACGAAGATCCATGCAAATTTCCCTCGTTAGGAAGTGAGTCCG
GGTCACTGTTTATTTTTTGGCTCTATTTTTTTTTGGGCGGTTTTTTTTGTTTGGGTT
TTTTTTTTCGGGGGGGGGGTTCTTTTTTGTAT

SEQ ID NO: 305
>gi|1856267|gb|AA233079.1|AA233079 zr69f11.r1 Soares_NhHMPu_S1 Homo sapiens
cDNA clone IMAGE:668685 5' similar to gb:M59316_rna1 INSULIN-LIKE GROWTH
FACTOR BINDING PROTEIN 1 PRECURSOR (HUMAN);, mRNA sequence

TGTTCTGTCACGTGAAATATTTAAGTATATAGTATATTTATACTCTAGAACATGCA
CATTTATATATATGTATATGTATATATATAGTAACTACTTTTTATACTCCAT
ACATAACTTGATATAGAAAGCTGTTTATTTATTAACTGTAAGTTTATTTTTTCTAC
ACAGTAAAAACTTGTACTATGTTAATAACTTGTCCTATGTCAATTTGTATATCATG
5 AAACACTTCTCATCATAATGGAAGGAAGGTAATTGCATTCCTGCTCTTCCAAAGC
TCCTGCGTCTGTTTTTAAAGAGCATGGAAAAATACTGCCTAGAAAATGCAAATG
AAATAAGAGAGAGTAGTTTTTCAGCTAGTTTGAAGGAGGACGGTTAACTTGTATA
TTCCACCATTCACATTTGATGTACATGTGTAGGGAAAGTAAAAGTGTTGATACAT
AATCAAGCTACCGTGGTGATGTTGCCACTGTTAAATGTACCTGGATATGTTGTTA
10 ACACGTGTCTATAATGGAA

SEQ ID NO: 306
>gi|188627|gb|M26383.1|HUMMONAP Human monocyte-derived neutrophil-activating
protein (MONAP) mRNA, complete cds
15 AGCAGAGCACACAAGCTTCTAGGACAAGAGCCAGGAAGAAACCACCGGAAGGA
ACCATCTCACTGTGTGTAAACATGACTTCCAAGCTGGCCGTGGCTCTCTTGGCAG
CCTTCCTGATTTCTGCAGCTCTGTGTGAAGGTGCAGTTTTGCCAAGGAGTGCTAA
AGAACTTAGATGTCAGTGCATAAAGACATACTCCAAACCTTTCCACCCCAAATTT
ATCAAGAACTGAGAGTGATTGAGAGTGGACCACACTGCGCCAACACAGAAATT
20 ATTGTAAAGCTTTCTGATGGAAGAGAGCTCTGTCTGGACCCCAAGGAAAACTGG
GTGCAGAGGGTTGTGGAGAAGTTTTGAAGAGGGCTGAGAATTCATAAAAAAT
TCATTCTCTGTGGTATCCAAGAATCAGTGAAGATGCCAGTGAAACTTCAAGCAAA
TCTACTTCAACACTTCATGTATTGTGTGGGTCTGTTGTAGGGTTGCCAGATGCAAT
ACAAGATTCCTGGTTAAATTTGAATTTCAGTAAACAATGAATAGTTTTCATTGT
25 ACCATGAAATATCCAGAACATACTTATATGTAAGTATTATTTATTTGAATCTAC
AAAAAACAACAAATAATTTTTAAATATAAGGATTTTCCTAGATATTGCACGGGAG
AATATACAAATAGCAAAATTGAGCCAAGGGCCAAGAGAATATCCGAACTTTAAT
TTCAGGAATTGAATGGGTTTGCTAGAATGTGATATTTGAAGCATCACATAAAAAT
GATGGGACAATAAATTTTGCCATAAAGTCAAATTTAGCTGGAAATCCTGGATTTT
30 TTTCTGTTAAATCTGGCAACCCTAGTCTGCTAGCCAGGATCCACAAGTCCTTGTTC
CACTGTGCCTTGGTTTCTCCTTTATTTCTAAGTGGAAAAAGTATTAGCCACCATCT
TACCTCACAGTGATGTTGTGAGGACATGTGGAAGCACTTTAAGTTTTTTCATCAT
AACATAAATTATTTTCAAGTGTAACTTATTAACCTATTTATTATTTATGTATTTAT
TTAAGCATCAAATATTTGTGCAAGAATTTGGAAAAATAGAAGATGAATCATTGAT
35 TGAATAGTTATAAAGATGTTATAGTAAATTTATTTTATTTTAGATATTAAATGATG
TTTTATTAGATAAATTTCAATCAGGGTTTTTAGATTAAACAAAGAAACAATTGGG
TACCCAGTTAAATTTTCATTTCAGATAAACAACAAATAATTTTTTAGTATAAGTA
CATTATTGTTTATCTGAAAGTTTTAATTGAACTAACAATCCTAGTTGATACTCCC
AGTCTTGTCATTGCCAGCTGTGTTGGTAGTGCTGTGTTGAATTACGGAATAATGA
40 GTTAGAACTATTAAAACAGCCAAACTCCACAGTCAATATTAGTAATTTCTTGCT
GGTTGAAACTTGTTTATTATGTACAAATAGATTCTTATAATATTATTTAAATGACT
GCATTTTAAATACAAGGCTTTATATTTTAACTTTAAGATGTTTTTATGTGCTCT
CCAAATTTTTTTTACTGTTTCTGATTGTATGGAAATATAAAGTAAATATGAAAC
ATTTAAAATATAATTTGTTGTCAAAGTAAAAAAAAAAAAAAAA
45

SEQ ID NO: 307
>3530687H1
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TGGTGACTTTATGGAGCCCAAGTTTGAGTTTGCTGTGAAGTTCAATGCACTGGAA
TTAGATGACAGCGACTTGGCAATATTTATTGCTGTCATTATTCTCAGTGGAGACC
GCCCAGGTTTGCTGAATGTGAAGCCCATTGAAGACATTCAAGACAACCTGCTACA
AGCCCTGGAGCTCCAGCTGAAG

SEQ ID NO: 308
>gi|1164660|gb|N41062.1|N41062 yy53h05.s1 Soares_multiple_sclerosis_2NbHMSP Homo
sapiens cDNA clone IMAGE:277305 3' similar to gb:X06820 TRANSFORMING PROTEIN
RHOB (HUMAN);, mRNA sequence
GCGACCGCTCTCCTACCCGGACACCGACGTCATTCTCATGTGCTTCTCGGTGGAC
AGCCCGGACTCGCTGGAGAACATCCCCGAGAAGTGGGTCCCCGAGGTGAAGCAC
TTCTGTCCCAATGTGCCCATCATCCTGGTGGCCAACAANAAAGACCTGCGCAGGA
CGAGCATGTCCGCACAGAGCTGGCCCGCATGAAGCAGGAACCCGTGCGCACGGA
TGACGGCCGCGCATGGCCGTGCGCATCCAAGCCTACGACTACCTCGAGTGCTCTG
CCAAGACCAAGGAAGGCGTGCGCGAGGTCTTCGAGACGGCCACGCGCGCCGNNT
GCAAGAAAGCGTTACGGCTCCCAGAACGGCTGCATCAACTGCTGCAAGGTGCTA
TGAGGGCCGCGC

SEQ ID NO: 309
>gi|2078854|gb|AA419108.1|AA419108 zv34a06.r1 Soares ovary tumor NbHOT Homo
sapiens cDNA clone IMAGE:755506 5' similar to gb:M82809 ANNEXIN IV (HUMAN);,
mRNA sequence
CGGTCTCGTGGGCAGAGGAACAACCAGGAACTTGGGCTCAGTCTCCACCCCACA
GTGGGGCGGATCCGTCCCGGATAAGACCGCTGTCTGGCCCTGAGTAGGGTGTG
ACCTCCGCAGCCGCAGAGGAGGAGCGCAGCCGGCCTCGAAGAACTTCTGCTTGG
GTGGCTGAACTCTGATCTTGACCTAGAGCATGGCATGCAACCAAAGGAGGTACT
GTCAAAGCTGCTTCAGGATTCAATGCCATGGAAGATGCCCAGACCCTGAGGAAG
GCCATGAAAGGGCTCGGCACCGATGAAGACGCCATTATTAGCGTCCTTGCCTACC
GCAACACCGCCCAGCGCCAGGAGATCAGGACAGCCTACAAGAGCACCATCGGCA
GGGACTTGATAGACGACCTGAAGTCAGAACTGAGTGGCACTTCGAGCAGGTGAT
TGTGGGGATGATGACGCCCACGTGCTGTATGACGTGCAAGAGCTGCGAAGGGCC
ATGAAGGGAGCCGGACTGATGAGGGCTGCTAATTGAGATCTTGGCTTCCGGACC
CTTAGGAGATCGGCGCATA

SEQ ID NO: 310
>gi|183622|gb|J03561.1|HUMGRO Human gro (growth regulated) gene
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GGCCCGCGCTGCTCTCTCCGCCGCCCCAGCAATCCCCGGCTCCTGCGAGTGGCA
CTGCTGCTCCTGCTCCTGGTAGCCGCTGGCCGGCGCGCAGCAGGAGCGTCCGTGG
CCACTGAACTGCGCTGCCAGTGCTTGCAGACCCTGCAGGGAATTCACCCCAAGA
ACATCCAAAGTGTGAACGTGAAGTCCCCCGGACCCCACTGCGCCCAAACCGAAG
TCATAGCCACACTCAAGAATGGGCGGAAAGCTTGCCTCAATCCTGCATCCCCCAT
AGTTAAGAAAATCATCGAAAGATGCTGAACAGTGACAAATCCAACTGACCAGA
AGGGAGGAGGAAGCTCACTGGTGGCTGTTCCTGAAGGAGGCCCTGCCCTTATAG
GAACAGAAGAGGAAAGAGAGACACAGCTGCAGAGGCCACCTGGATTGTGCCTA
ATGTGTTTGAGCATCGCTTAGGAGAAGTCTTCTATTTATTTATTTATTCATTAGTT
TTGAAGATTCTATGTTAATATTTTAGGTGTAAAATAATTAAGGGTATGATTAACT
CTACCTGCACACTGTCCTATTATATTCATTCTTTTTGAAATGTCAACCCCAAGTTA
GTTCAATCTGGATTCATATTTAATTTGAAGGTAGAATGTTTTCAAATGTTCTCCAG

TCATTATGTTAATATTTCTGAGGAGCCTGCAACATGCCAGCCACTGTGATAGAGG
CTGGCGGATCCAAGCAAATGGCCAATGAGATCATTGTGAAGGCAGGGGAATGTA
TGTGCACATCTGTTTTGTAACTGTTTAGATGAATGTCAGTTGTTATTTATTGAAAT
GATTTCACAGTGTGTGGTCAACATTTCTCATGTTGAAACTTTAAGAACTAAAATG
5   TTCTAAATATCCCTTGGACATTTTATGTCTTTCTTGTAAGGCATACTGCCTTGTTT
AATGGTAGTTTTACAGTGTTTCTGGCTTAGAACAAAGGGGCTTAATTATTGATGT
TTTCGGA

SEQ ID NO: 311
10   >gi|416292|gb|M34064.1|HUMNCADH Human N-cadherin mRNA, complete cds
GACTGGGTCATCCCTCCAATCAACTTGCCAGAAAACTCCAGGGGACCTTTTCCTC
AAGAGCTTGTCAGGATCAGGTCTGATAGAGATAAAAACCTTTCACTGCGGTACA
GTGTAACTGGGCCAGGAGCTGACCAGCCTCCAACTGGTATCTTCATTCTCAACCC
CATCTCGGGTCAGCTGTCGGTGACAAAGCCCTGGATCGCGAGCAGATAGCCCG
15   GTTTCATTTGAGGGCACATGCAGTAGATATTAATGGAAATCAAGTGGAGAACCC
CATTGACATTGTCATCAATGTTATTGACATGAATGACAACAGACCTGAGTTCTTA
CACCAGGTTTGGAATGGGACAGTTCCTGAGGGATCAAAGCCTGGAACATATGTG
ATGACCGTAACAGCAATTGATGCTGACGATCCCAATGCCCTCAATGGGATGTTGA
GGTACAGAATCGTGTCTCAGGCTCCAAGCACCCCTTCACCCAACATGTTTACAAT
20   CAACAATGAGACTGGTGACATCATCACAGTGGCAGCTGGACTTGATCGAGAAA
AGTGCAACAGTATACGTTAATAATTCAAGCTACAGACATGGAAGGCAATCCCAC
ATATGGCCTTTCAAACACAGCCACGGCCGTCATCACAGTGACAGATGTCAATGA
AATCGTCCAGAGTTTACTGCCATGACGTTTTATGGTGAAGTTCCTGAGAACAGGC
TAGACATCATAGTAGCTAATCTAACTGTGACCGATAAGGATCAACCCCATACAC
25   AGCCTGGAACGCAGTGTACAGAATCAGTGGCGGAGATCCTACTGGACGGTTCGC
CATCCAGACCGACCCAAACAGCAACGACGGGTTAGTCACCGTGGTCAAACCAAT
CGACTTTGAAACAAATAGGATGTTTGTCCTTACTGTTGCTGCAGAAAATCAAGTC
CCATTAGCCAAGGGAATTCAGCACCCGCCTCAGTCAACTGCAACCGTGTCTGTTA
CAGTTATTGACGTAAATGAAAACCCTTATTTTGCCCCAATCCTAAGATCATTCG
30   CCAAGAAGAAGGGCTTCATGCCGGTACCATGTTGACAACATTCACTGCTCAGGA
CCCAGATCGATATATGCAGCAAAATATTAGATACACTAAATTATCTGATCCTGCC
AATTGGCTAAAAATAGATCCTGTGAATGGACAAATAACTACAATTGCTGTTTTGG
ACCGAGAATCACCAAATGTGAAAACAATATATATAATGCTACTTTCCTTGCTTC
TGACAATGGAATTCCTCCTATGAGTGGAACAGGAACGCTGCAGATCTATTTACTT
35   GATATTAATGACAATGCCCTCAAGTGTTACCTCAAGAGGCAGAGACTTGCGAA
ACTCCAGACCCCAATTCAATTAATATTACAGCACTTGATTATGACATTGATCCAA
ATGCTGGACCATTTGCTTTTGATCTTCCTTTATCTCCAGTGACTATTAAGAGAAAT
TGGACCATCACTCGGCTTAATGGTGATTTTGCTCAGCTTAATTTAAAGATAAAT
TTCTTGAAGCTGGTATCTATGAAGTTCCCATCATAATCACAGATTCGGGTAATCC
40   TCCCAAATCAAATATTTCCATCCTGCGCGTGAAGGTTTGCCAGTGTGACTCCAAC
GGGGACTGCACAGATGTGGACAGGATTGTGGGTGCGGGGCTTGGCACCGGTGCC
ATCATTGCCATCCTGCTCTGCATCATCATCCTGCTTATCCTTGTGCTGATGTTTGT
GGTATGGATGAAACGCCGGGATAAAGAACGCCAGGCCAAACAACTTTTAATTGA
TCCAGAAGATGATGTAAGAGATAATATTTTAAAATATGATGAAGAAGGTGGAGG
45   AGAAGAAGACCAGGACTATGACTTGAGCCAGCTGCAGCAGCCTGACACTGTGGA
GCCTGATGCCATCAAGCCTGTGGGAATCCGACGAATGGATGAAAGACCCATCCA
CGCCGAGCCCCAGTATCCGGTCCGATCTGCAGCCCCACACCCTGGAGACATTGGG
GACTTCATTAATGAGGGCCTTAAAGCGGCTGACAATGACCCCACAGCTCCACCAT
ATGACTCCCTGTTAGTGTTTGACTATGAAGGCAGTGGCTCCACTGCTGGGTCCTT

GAGCTCCCTTAATTCCTCAAGTAGTGGTGGTGAGCAGGACTATGATTACCTGAAC
GACTGGGGGCCACGGTTCAAGAAACTTGCTGACATGTATGGTGGAGGTGATGAC
TGAACTTCAGGGTGAACTTGGTTTTTGGACAAGTACAAACAATTTCAACTGATAT
TCCCAAAAAGCATTCAGAAGCTAGGCTTTAACTTTGTAGTCTACTAGCACAGTGC

5   CTGCTGGAGGCTTTGGCATAGGCTGCAAACCAATTTGGGCTCAGAGGGAATATC
AGTGATCCATACTGTTTGGAAAAACACTGAGCTCAGTTACACTTGAATTTTACAG
TACAGAAGCACTGGGATTTTATGTGCCTTTTTGTACCTTTTTCAGATTGGAATTAG
TTTTCTGTTTAAGGCTTTAATGGTACTGATTTCTGAAACGATAAGTAAAAGACAA
AATATTTTGTGGTGGGAGCAGTAAGTTAAACCATGATATGCTTCAACACGCTTTT

10   GTTACATTGCATTTGCTTTTATTAAAATACAAAATTAAACAAACAAAAAACTCA
TGGAGCGATTTTATTATCTTGGGGGATGAGACCATGAGATTGGAAAATGTACATT
ACTTCTAGTTTTAGACTTTAGTTTGTTTTTTTTTTTTTCACTAAAATCTTAAAACT
TACTCAGCTGGTTGCAAATAAAGGGAGTTTTCATATCACCAATTTGTAGCAAAAT
TGAATTTTTTCATAAACTAGAATGTTAGACACATTTTGGTCTTAATCCATGTACAC

15   CTTTTTATTTCTGTATTTTTCCACTTCACTGTAAAAATAGTATGTGTACATAATGTT
TTATTGGCATACGTCTATGGAGAAGTGCAGAAACTTCAGAACATGTGTATGTATT
ATTTGGACTATGGATTCAGGTTTTTTGCATGTTTATATCTTTCGTTATGGATAAAG
TATTTACAAACAGTGACATTTGATTCAATTGTTGAGCTGTAGTTAGAATACTCA
ATTTTTAATTTTTTTAATTTTTTTATTTTTTATTTTCTTTTTGGTTTGGGGAGGGAG

20   AAAAGTTCTTAGCACAAATGTTTTACATAATTTGTACCAAAAAAAAAAAAAAAG
GAAAGGAAAGAAAGGGGTGGCCTGACACTGGTGGCACTACTAAGTGTGTGTTTT
TTTAAAAAAAAAATGGAAAAAAAAAAGCCTTTAAACTGGAGAGACTTCTGACAA
CAGCTTTGCCTCTGTATTGTGTACCAGAATATAAATGATACACCTCTGACCCCAG
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25   SEQ ID NO: 312
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       CACACAGTCAAGCTTTAAAGAAAGTGTTTGCTGAAAATAAAGAAATCCAGAAAT
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30   TTCTCCTGATGGCCAGTATGTCCCCAGGATTATGTTTGTTGACCCATCTCTGACAG
       TTAGAGCCGATATCACTGGAAGATATTCAAACCGTCTCTATGCTTACGAACCTGC
       AGATACAGCTC

       SEQ ID NO: 313

35   >gi|2216301|gb|AA486085.1|AA486085 ab14c11.s1 Stratagene lung (#937210) Homo
       sapiens cDNA clone IMAGE:840788 3' similar to gb:S54005 THYMOSIN BETA-10
       (HUMAN);, mRNA sequence
       GGTGTGTTTTATTTTCATTATTCATACAAATAATTTTCTATAATATCCCGGGGCAA
       ACCGGAGAATTTGGCAGTCCGATTGGGGGG

40   SEQ ID NO: 314
       >gi|292418|gb|M64749.1|HUMRDC1A Human homologue of the canine orphan receptor
       (RDC1) mRNA, 5' end
       ATGGATCTGCACCTCTTCGACTACGCCGAGCCAGGCAACTTCTCGGACATCAGCT

45   GGCCATGCAACAGCAGCGACTGCATCGTGGTGGACACGGTGATGTGTCCCAACA
       TGCCCAACAAAAGCGTCCTGCTCTACACGCTCTCCTTCATTTACATTTTCATCTTC
       GTCATCGGCATGATTGCCAACTCCGTGGTGGTCTGGGTGAATATCCAGGCCAAGA
       CCACAGGCTATGACACGCACTGCTACATCTTGAACCTGGCCATTGCCGACCTGTG
       GGTTGTCCTCACCATCCCAGTCTGGGTGGTCAGTCTCGTGCAGCACAACCAGTGG

CCCATGGGCGAGCTCACGTGCAAAGTCACACACCTCATCTTCTCCATCAACCTCT
TCAGCGGCATTTTCTTCCTCACGTGCATGAGCGTGGACCGCTACCTCTCCATCACC
TACTTCACCAACACCCCAGCAGCAGGAAGAAGATGGTACGCCGTGTCGTCTGC
ATCCTGGTGTGGCTGCTGGCCTTCTGCGTGTCTGCCTGACACCTACTACCTGAA
GACCGTCACGTCTGCGTCCAACAATGAGACCTACTGCCGGTCCTTCTACCCCGAG
CACAGCATCAAGGAGTGGCTGATCGGCATGGAGCTGGTCTCCGTTGTCTTGGGCT
TTGCCGTTCCCTTCTCCATTATCGCTGTCTTCTACTTCCTGCTGGCCAGAGCCATC
TCGGCGTCCAGTGACCAGGAGAAGCACAGCAGCCGGAAGATCATCTTCTCCTAC
GTGGTGGTCTTCCTTGTCTGCTGGCTGCCCTACCACGTGGCGGTGCTGCTGGACA
TCTTCTCCATCCTGCACTACATCCCTTTCACCTGCCGGCTGGAGCACGCCCTCTTC
ACGGCCCTGCATGTCACACAGTGCCTGTCGCTGGTGCACTGCTGCGTCAACCCTG
TCCTCTACAGCTTCATCAATCGCAACTACAGGTACGAGCTGATGAAGGCCTTCAT
CTTCAAGTACTCGGCCAAAACAGGGCTCACCAAGCTCATCGATGCCTCCAGAGTG
TCGGAGACGGAGTACTCCGCCTTGGAGCAAAACGCCAAG

SEQ ID NO: 315
>gi|183866|gb|M60278.1|HUMHBEGF Human heparin-binding EGF-like growth factor
mRNA, complete cds
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CCGCGCGGGCGGGCTGAGTGAGCAAGACAAGACACTCAAGAAGAGCGAGCTGC
GCCTGGGTCCCGGCCAGGCTTGCACGCAGAGGCGGGCGGCAGACGGTGCCCGGC
GGAATCTCCTGAGCTCCGCCGCCCAGCTCTGGTGCCAGCGCCCAGTGGCCGCCGC
TTCGAAAGTGACTGGTGCCTCGCCGCCTCCTCTCGGTGCGGGACCATGAAGCTGC
TGCCGTCGGTGGTGCTGAAGCTCTTCTGGCTGCAGTTCTCTCGGCACTGGTGACT
GGCGAGAGCCTGGAGCGGCTTCGGAGAGGGCTAGCTGCTGGAACCAGCAACCCG
GACCCTCCCACTGTATCCACGGACCAGCTGCTACCCCTAGGAGGCGGCCGGGAC
CGGAAAGTCCGTGACTTGCAAGAGGCAGATCTGGACCTTTTGAGAGTCACTTTAT
CCTCCAAGCCACAAGCACTGGCCACACCAAACAAGGAGGAGCACGGGAAAAGA
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CTCCTGCATCTGCCACCCGGGTTACCATGGAGAGAGGTGTCATGGGCTGAGCCTC
CCAGTGGAAAATCGCTTATATACCTATGACCACACAACCATCCTGGCCGTGGTGG
CTGTGGTGCTGTCATCTGTCTGTCTGCTGGTCATCGTGGGGCTTCTCATGTTTAGG
TACCATAGGAGAGGAGGTTATGATGTGGAAAATGAAGAGAAGTGAAGTTGGGC
ATGACTAATTCCCACTGAGAGAGACTTGTGCTCAAGGAATCGGCTGGGGACTGCT
ACCTCTGAGAAGACACAAGGTGATTTCAGACTGCAGAGGGGAAAGACTTCCATC
TAGTCACAAAGACTCCTTCGTCCCAGTTGCCGTCTAGGATTGGGCCTCCCATAA
TTGCTTTGCCAAAATACCAGAGCCTTCAAGTGCCAAACAGAGTATGTCCGATGGT
ATCTGGGTAAGAAGAAAGCAAAGCAAGGGACCTTCATGCCCTTCTGATTCCCCT
CCACCAAACCCCACTTCCCCTCATAAGTTTGTTTAAACACTTATCTTCTGGATTAG
AATGCCGGTTAAATTCCATATGCTCCAGGATCTTTGACTGAAAAAAAAAAGAA
GAAGAAGGAGAGCAAGAAGGAAAGATTTGTGAACTGGAAGAAAGCAACAA
AGATTGAGAAGCCATGTACTCAAGTACCACCAAGGGATCTGCCATTGGGACCCT
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GGCCCTCCACTCCTCATCCCCACAATCTGGCTTAGTGCCACCCACCTTTGCCACA
AAGCTAGGATGGTTCTGTGACCCATCTGTAGTAATTTATTGTCTGTCTACATTTCT

　　　　　GCAGATCTTCCGTGGTCAGAGTGCCACTGCGGGAGCTCTGTATGGTCAGGATGTA
　　　　　GGGGTTAACTTGGTCAGAGCCACTCTATGAGTTGGACTTCAGTCTTGCCTAGGCG
　　　　　ATTTTGTCTACCATTTGTGTTTTGAAAGCCCAAGGTGCTGATGTCAAAGTGTAAC
　　　　　AGATATCAGTGTCTCCCCGTGTCCTCTCCCTGCCAAGTCTCAGAAGAGGTTGGGC
5　　　　TTCCATGCCTGTAGCTTTCCTGGTCCCTCACCCCCATGGCCCCAGGCCACAGCGT
　　　　　GGGAACTCACTTTCCCTTGTGTCAAGACATTTCTCTAACTCCTGCCATTCTTCTGG
　　　　　TGCTACTCCATGCAGGGGTCAGTGCAGCAGAGGACAGTCTGGAGAAGGTATTAG
　　　　　CAAAGCAAAAGGCTGAGAAGGAACAGGGAACATTGGAGCTGACTGTTCTTGGTA
　　　　　ACTGATTACCTGCCAATTGCTACCGAGAAGGTTGGAGGTGGGGAAGGCTTTGTAT
10　　　AATCCCACCCACCTCACCAAAACGATGAAGGTATGCTGTCATGGTCCTTTCTGGA
　　　　　AGTTTCTGGTGCCATTTCTGAACTGTTACAACTTGTATTTCCAAACCTGGTTCATA
　　　　　TTTATACTTTGCAATCCAAATAAAGATAACCCTTATTCCATAAAAAAAAAAAAAA
　　　　　AAAA

15　　　SEQ ID NO: 316
　　　　　>gi|179664|gb|K02765.1|HUMC3 Human complement component C3 mRNA, alpha and beta
　　　　　subunits, complete cds
　　　　　CTCCTCCCCATCCTCTCCCTCTGTCCCTCTGTCCCTCTGACCCTGCACTGTCCCAG
　　　　　CACCATGGGACCCACCTCAGGTCCCAGCCTGCTGCTCCTGCTACTAACCCACCTC
20　　　CCCCTGGCTCTGGGGAGTCCCATGTACTCTATCATCACCCCCAACATCTTGCGGC
　　　　　TGGAGAGCGAGGAGACCATGGTGCTGGAGGCCCACGACGCGCAAGGGGATGTTC
　　　　　CAGTCACTGTTACTGTCCACGACTTCCCAGGCAAAAAACTAGTGCTGTCCAGTGA
　　　　　GAAGACTGTGCTGACCCCTGCCACCAACCACATGGGCAACGTCACCTTCACGATC
　　　　　CCAGCCAACAGGGAGTTCAAGTCAGAAAGGGGCGCAACAAGTTCGTGACCGTG
25　　　CAGGCCACCTTCGGGACCAAGTGGTGGAGAAGGTGGTGCTGGTCAGCCTGCAG
　　　　　AGCGGGTACCTCTTCATCCAGACAGACAAGACCATCTACACCCCTGGCTCCACAG
　　　　　TTCTCTATCGGATCTTCACCGTCAACCACAAGCTGCTACCCGTGGGCCGGACGGT
　　　　　CATGGTCAACATTGAGAACCCGGAAGGCATCCCGGTCAAGCAGGACTCCTTGTCT
　　　　　TCTCAGAACCAGCTTGGCGTCTTGCCCTTGTCTTGGACATTCCGGAACTCGTCA
30　　　ACATGGGCCAGTGGAAGATCCGAGCCTACTATGAAAACTCACCACAGCAGGTCT
　　　　　CTCCACTGAGTTTGAGGTGAAGGAGTACGTGCTGCCCAGTTTCGAGGTCATAGT
　　　　　GGAGCCTACAGAGAATTCTACTACATCTATAACGAGAAGGGCCTGGAGGTCAC
　　　　　CATCACCGCCAGGTTCCTCTACGGGAAGAAAGTGGAGGGAACTGCCTTTGTCATC
　　　　　TTCGGGATCCAGGATGGCGAACAGAGGATTTCCCTGCCTGAATCCCTCAAGCGCA
35　　　TTCCGATTGAGGATGGCTCGGGGGAGGTTGTGCTGAGCCGGAAGGTACTGCTGG
　　　　　ACGGGGTGCAGAACCTCCGAGCAGAAGACCTGGTGGGGAAGTCTTTGTACGTGT
　　　　　CTGCCACCGTCATCTTGCACTCAGGCAGTGACATGGTGCAGGCAGAGCGCAGCG
　　　　　GGATCCCCATCGTGACCTCTCCCTACCAGATCCACTTCACCAAGACACCCAAGTA
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40　　　TCTCCAGCCTACCGAGTCCCCGTGGCAGTCCAGGGCGAGGACACTGTGCAGTCTC
　　　　　TAACCCAGGGAGATGGCGTGGCCAAACTCAGCATCAACACACACCCCAGCCAGA
　　　　　AGCCCTTGAGCATCACGGTGCGCACGAAGAAGCAGGAGCTCTCGGAGGCAGAGC
　　　　　AGGCTACCAGGACCATGCAGGCTCTGCCCTACAGCACCGTGGGCAACTCCAACA
　　　　　ATTACCTGCATCTCTCAGTGCTACGTACAGAGCTCAGACCCGGGGAGACCCTCAA
45　　　CGTCAACTTCCTCCTGCGAATGGACCGCGCCCACGAGGCCAAGATCCGCTACTAC
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　　　　　GAGCCCGGCCAGGACCTGGTGGTGCTGCCCCTGTCCATCACCACCGACTTCATCC
　　　　　CTTCCTTCCGCCTGGTGGCGTACTACACGCTGATCGGTGCCAGCGGCCAGAGGGA
　　　　　GGTGGTGGCCGACTCCGTGTGGGTGGACGTCAAGGACTCCTGCGTGGGCTCGCTG

GTGGTAAAAAGCGGCCAGTCAGAAGACCGGCAGCCTGTACCTGGGCAGCAGATG
ACCCTGAAGATAGAGGGTGACCACGGGGCCCGGGTGGTACTGGTGGCCGTGGAC
AAGGGCGTGTTCGTGCTGAATAAGAAGAACAAACTGACGCAGAGTAAGATCTGG
GACGTGGTGGAGAAGGCAGACATCGGCTGCACCCCGGGCAGTGGGAAGGATTAC
GCCGGTGTCTTCTCCGACGCAGGGCTGACCTTCACGAGCAGCAGTGGCCAGCAG
ACCGCCCAGAGGGCAGAACTTCAGTGCCCGCAGCCAGCCGCCCGCCGACGCCGT
TCCGTGCAGCTCACGGAGAAGCGAATGGACAAAGTCGGCAAGTACCCCAAGGAG
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CAGCGCCGGACCCGTTTCATCTCCCTGGGCGAGGCGTGCAAGAAGGTCTTCCTGG
ACTGCTGCAACTACATCACAGAGCTGCGGCGGCAGCACGCGCGGGCCAGCCACC
TGGGCCTGGCCAGGAGTAACCTGGATGAGGACATCATTGCAGAAGAGAACATCG
TTTCCCGAAGTGAGTTCCCAGAGAGCTGGCTGTGGAACGTTGAGGACTTGAAAG
AGCCACCGAAAAATGGAATCTCTACGAAGCTCATGAATATATTTTGAAAGACTC
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TGTGGCAGACCCCTTCGAGGTCACAGTAATGCAGGACTTCTTCATCGACCTGCGG
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CCTTCTGCAGCCTGGCCACCACCAAGAGGCGTCACCAGCAGACCGTAACCATCCC
CCCCAAGTCCTCGTTGTCCGTTCCATATGTCATCGTGCCGCTAAAGACCGGCCTG
CAGGAAGTGGAAGTCAAGGCTGCCGTCTACCATCATTTCATCAGTGACGGTGTCA
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(HUMAN);, mRNA sequence
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249

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SLOW-TWITCH MUSCLE A ISOFORM (HUMAN), mRNA sequence

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270

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SEQ ID NO: 348
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271

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SEQ ID NO: 349
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35

SEQ ID NO: 350
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SEQ ID NO: 351
>3072 BLOOD 1327030.1 U26162 g829622 Human myosin regulatory light chain mRNA,
complete cds. 0

275

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45
SEQ ID NO: 353
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protein (BRE) gene, complete cds. 0

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SEQ ID NO: 354
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SEQ ID NO: 355
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20   ATGGCGGCTCCTGTACCATGAACAGCAAAATGATGCCTGAGTGCCAGTGCCCAC
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GCGGAGTGGTATTCTGGTATAAGCGGCGAGTCCAAGGGGCTAAGGGCTTCCAGC
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25   AGATGTACGAAGGCGGAGAGCCTGATGATGTGGGAGGCCTACTGGACGCTGACT
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CCCTGCCCCGTCGGACTGCCCCCAGAAAGCCTCCTGCCCCCTGCCGGTGAAGTCC

30   TTCAGTGAGCCCCTCCCCAGCCAGCCCTTCCCTGGCCCCGCCGGATGTATAAATG
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35   TTGCCAAGGCTCTCCCCTCTCGCCCCATCCCTGCTTGCCCGCTCCCACAGCTTCCT
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40   CTGGAGACTTCCTCTGGTAAACATTCCTCCAGCCTCCCCTCCCCTGGGGACGCCA
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45   SEQ ID NO: 357
>3404 BLOOD 235992.7 D87969 g1694636 Human mRNA for CMP-sialic acid transporter,
complete cds. 0
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5 CTTGTAAGAAAGAGCTAGGTCTTTATGCTGCTAGGACAAAATACTGTACATGAA
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10 TAGTAGACCCCAAACAGGTCTACATTAAGTTTCTGTATTAGCAGTTCACTCAGAT
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15 SEQ ID NO: 358
>3406 BLOOD 198773.4 U91932 g1923269 Human AP-3 complex sigma3A subunit
mRNA, complete cds. 0
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20 CAAGGCGATCCTAATCTTCAACAACCACGGGAAGCCGCGGCTCTCCAAGTTCTAC
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25 TGGAAACATTAGACAAATGTTTTGAAAATGTCTGTGAGCTGGATTTGATTTTCCA
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30 AAAGTGCCAAACCTGCCCTCTTTTAAATAAAAATGTAAAAAGGCCACTCCCAGGT
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35 TGCCCACCTACGGCATGCCTCTATGTATTGGCTACTACAGTGTTTTAAAAAGTGTT
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40 AATAATTTTTTTTACAACCCTCTGACTCAACAAAGTAAATAAAGTATATTTATC
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SEQ ID NO: 359
>3533 BLOOD 287871.2 U89505 g2078528 Human Hlark mRNA, complete cds. 0

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GGTGCTGGAATGTGACATCATTAAGAATTACGGGCTTTGTGCACATAGAAGACA
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SEQ ID NO: 360
>3584 BLOOD 978017.7 AF178532 g6851265 Human aspartyl protease (ASP21) mRNA,
complete cds. 0
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10 TTCAAATCCTCCCTACTTCCAAGAAAATAATTAAAAAAAAACTTCATTCTAAA
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15 CAAAGTGGTACAGGAAGGCTTGCAGTATGATGGCAGGAGAATCAGCCTGGGGCC
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20 TGCGAAAGTAAAAACACTACCTCTTTTGAGACTTTGCCCAGGGTCCTGTGCCTGG
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25 CAAATCTTCTCTGGAAGTAGGTTGGCTATTACCCTGTTGGGAAACAGGGAAATGG
CCTGATGCCCCTATTTCTGACCAGCTGTCAGGGAAGGAAGATGCCAGATGTGCAG
AAGACACAAGGTAACGTCTACTTATTCCCGTGCTTCGA

SEQ ID NO: 361

30 >3598 BLOOD 440860.23 AF044321 g3170263 Human cytochrome c oxidase assembly
protein COX11 (COX11) mRNA, complete cds. 0
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35 CACCTGTACATTTTAACATTCATGGACTTGTAATGGTGATGCTTTGGCTAACAGC
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AGAACTCTGAATATAAAATAGCCCTAAACCTTAAAGGACAAATCAAATTTGAAA
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10   ATGTAGAAATTCCAATTACTGGTTTGTCAGTAGGATTCTTAGCTCTGTAAAACGC
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15   SEQ ID NO: 362
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20   GCCTTCAAGCCTTCTGCCTTTCCACCCTCGTGAGCGGAGAACTGGGAGTGGCCAT
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25   GAGCAAGTGACAAATGTTGGAGGAGCAGTGGTGACGGGTGTGACAGCAGTAGCC
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30   GATCTGCTGACAGATGTTCCATCCTGTACAAGTGCTCAGTTCCAATGTGCCCAGT
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40   TTTATCCCATCTCACTTTAATAATAAAAATCATGCTTATAAGCAACATGAATTAA
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45   SEQ ID NO: 363
>3650 BLOOD 1102321.2 D15057 g493244 Human mRNA for DAD-1, complete cds. 0
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GTTCTTAGAAGAGTACTTGAGCTCCACTCCGCAGCGTCTGAAGTTGCTGGACGCG

288

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AGATGGCAGCTTATTGGACACATGGATTTTCTTCAGATTTGCACTTACTGCTAGCT
CTGCTTTTTATGCAGGAGAAAAGCCCAGAGTTCACTGTGTGTCAGAACAACTTTC
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SEQ ID NO: 364
>3715 BLOOD 1100675.3 U21128 g699576 Human lumican mRNA, complete cds. 0
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5   ATACAATGGTATTCTATTAGATAAGAAGCTGCTATGTGATCTCAGCACTCACTCC
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15 ATGAGTTTTCTACATTAAGGTAAATTCCTTAGAGTGTGATAGCAGCCTCAGTTTA
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SEQ ID NO: 365
20 >3743 BLOOD 1328438.3 U35451 g1177844 Human heterochromatin protein p25 mRNA,
complete cds. 0
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25 CCAGTAGCGCAGCACCGATTCCTCTCGGGGCTCTTGGGCGCTGCTCTGAGCAGCG
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SEQ ID NO: 366
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292

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293

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SEQ ID NO: 369
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SEQ ID NO: 371
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SEQ ID NO: 375
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SEQ ID NO: 376
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SEQ ID NO: 377
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SEQ ID NO: 378
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302

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315

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317

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